FEDERALLY ENFORCEABLE APPLICABLE REQUIREMENTS (Emission Unit Specific)

FORM O	P - D04					Section	
acility Na	me		(County No.	Plant No.	Year Submitted	
		nell Douglas Corpora	tion	4300	0230	1997	
ote: In ad	dition to the followise noted. Mo	llowing "emission unit specific" a cDonnell Douglas' obligation to re EMISSION UNIT	pplicable requirement cord keep, prepare, a	s, all emission points included on this form are reported annuand submit an annual emissions report for these sources is being APPLICABLE	ally in McDonnell Douglas' Emission Inventory Q g addressed herein as a "plant-wide" applicable r EMISSION LIMIT OR STANDARD	ruestionnaire requirement. COMPLIANCE DETERMINATION METHOL	
OINT NO.	UNIT NO.	DESCRIPTION	POLLUTANT	REQUIREMENTS	AND UNITS	(TESTING, MONITORING, ETC.)	
	GREASERS						
VD-220-01	VD-220-01	Vapor Degreaser	HAP	40 CFR Part 63, Subpart T, Halogenated Solvent Cleaning NESHAP Applicable Subsections 63.460, 63.464, 63.465, 63.467 and 63.468 10 CSR 10-6.075, Maximum Achievable Control Technology Regulations (same as 40 CFR Part 63, Subpart T)	Rule establishes design requirements, sets standards, and offers affected solvent cleaning machines three options for compliance: 1) installing emission control equipment, 2) meeting an idling mode emission limit, or 3) meeting a limit on total emissions. Options 1 and 2 are in conjuction with work practice standards and automated parts handling.	An initial notification was sent to EPA on August 14, 1995. However, a compliance determination is not required at this time since the compliance date for this NESHAP is not until December 2, 1997 for existing sources. This degreaser shall comply by using the 3-month rolling average compliance option. (See Form OP-D05 for future compliance determination methods.)	
27			voc	10 CSR 10-5.300, Control of Emissions from Solvent Metal Cleaning	Same as EU: VD-027-01	Same as EU: VD-027-01	
	1		VOC/HAP	10 CSR 10-6,060, Construction Permits Required/ St. Louis County APC Code, Chapter 612 - Section 612,110			

EMISSION UNITS REPORTED ON EIQ WHICH HAVE NO OTHER APPLICABLE REQUIREMENTS

FORM C			C	ounty No.	Plant No.	Year Submitted
Facility Na	McDonnell Douglas Corporation			4300	0230	1997
All emissio	on points inc	cluded on this form are reported annua bligation to record keep, prepare, and	lly in McDonnell submit an annual	Douglas' Emission Inventory Questionnaire. emissions report for these sources is being addresse	ed herein as a "plant-wide" applicable require	
EIQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHO (TESTING, MONITORING, ETC.)
	S/SEALANTS					
AS-STL-DI	AS-STL-01	Facility-Wide Adhesive/Scalant Emissions (Fugitive)	N.A.	No emission unit specific applicable requirements.	N.A.	N.A.
AS-STL-01	AS-STL-02	Facility-Wide Adhesive/Sealant Curing Ovens	N.A.	No emission unit specific applicable requirements	Ñ.A.	N.A.
AS-STL-01	AS-101-01	Windshield Bonding	N.A.	No emission unit specific applicable requirements.	N.A.	N.A.
AS-STL-01	AS-101-02	Windshield Bonding	N.A.	No emission unit specific applicable requirements.	N.A.	N.A.
AS-STL-01	\$8-002-05	Epoxy Resin Mix Booth	N.A.	No emission unit specific applicable requirements	N.A.	N A
UILDING	FUGITIVES					
BF-STL-01	MS-101-01	Solvent Cleaner/Recycles	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
BF-STL-02	BF-STL-01	Facility-Wide Building Fugitive Ovens	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
BF-STL-02	OV-066-02	Electric Epoxy Curing Oven	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
BF-STL-02	OV-101D-56	Electric Oven	N.A.	No emission unit specific applicable requirements	N.A.	N,A.
BF-STL-02	PT-102-01	Solvent Process Tank	N.A.	No emission unit specific applicable requirements	N.A.	N/A.
BF-STL-02	SS-002-01	Silk Screening	N.A.	No emission unit specific applicable requirements	N.A.	N.A.
OLD CLE						
CC-STL-01	OV-221-02	Electric Drying Oven	N.A.	No emission unit specific applicable requirements.	N.A.	N.A.
CC-STL-01	CC-245-04	Cold Cleaner (Non-Metal Parts)	N.A.	No emission unit specific applicable requirements.	N,A,	N.A.
OATING	L					
CL-002-01	MB-002-01	Paint Mixing Room	N.A.	No emission unit specific applicable requirements.	N.A.	N/A.
CL-002-02	MB-002-02	Paint Mixing Room	N.A.	No emission unit specific applicable requirements.	N.A.	N.A.
CL-002-01	OV-002-01	Electric Paint Curing Oven	NA.	No emission unit specific applicable requirements.	N.A.	N.A.
CL-002-02	SB-002-03	Bench Spray Hood (Mock-up, Model Aircraft)	N.A.	No emission unit specific applicable requirements.	N.A.	N.A.
CL-027-01	QV-027-11	Electric Paint Curing Oven	N.A.	No emission unit specific applicable requirements.	N.A.	N.A.
	OV-027-23	Electric Paint Curing Oven	N.A.	No emission unit specific applicable requirements.	N.A.	N.A.
CL-027-01	OV-027-24	Electric Paint Curing Oven	NA.	No emission unit specific applicable requirements.	N.A.	N,A,
CL-027-01			N.A.	No emission unit specific applicable requirements.	N.A.	N.A.
CL-048-01	SS-048-01	Silk Screening	1 1	No emission unit specific applicable requirements.	N.A.	N.A.
CL-063-01	SB-063-02	Bench Spray Hood (Experimental Lab Activities)	N.A.	No emission unit specific applicable requirements.	N.A.	N.A.
CL-101-01	SB-101-46	Spray Booth (Research & Development)	N.A.		N.A.	NA.
CL-102-01	OV-102-19	Electric Paint Curing Oven	N.A.	No emission unit specific applicable requirements.	N.A.	N.A.
CL-102-01	OV-102-21	Electric Paint Curing Oven	N.A.	No emission unit specific applicable requirements.		N.A.
CL-102-01	OV-102-22	Electric Paint Curing Oven	N,A.	No emission unit specific applicable requirements.	Ñ.A.	
CL-102-01	OV-102-23	Electric Paint Curing Oven	N.A.	No emission unit specific applicable requirements.	N.A.	N,A,
CL-220-01	OV-220-18	Electric Adhesive Primer Curing Oven	N.A.	No emission unit specific applicable requirements.	N.A.	N,A.
CL-245-02	MB-245-01	Paint Mixing Room	N.A.	No emission unit specific applicable requirements	None	N.A.
CL-245-01	SB-245-03	Paint Area (Tooling, Maintenance)	N.A.	No emission unit specific applicable requirements	None	N,A,

EMISSION UNITS REPORTED ON EIQ WHICH HAVE NO OTHER APPLICABLE REQUIREMENTS

FORM OP - D04 Year Submitted Plant No. County No. Facility Name 0230 1997 4300 McDonnell Douglas Corporation All emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory Questionnaire. McDonnell Douglas' obligation to record keep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement. COMPLIANCE DETERMINATION METHOD EMISSION LIMIT OR STANDARD APPLICABLE EMISSION UNIT EMISSION (TESTING, MONITORING, ETC.) AND UNITS POLLUTANT REQUIREMENTS POINT NO. UNIT NO. DESCRIPTION COMBUSTION SOURCES N.A No emission unit specific applicable requirements. Natural Gas Make-Up Air Heater (Direct Fired) N.A. CS-027-01 CS-027-01 (10-100 MMB(w/hr) N.A. N.A. No emission unit specific applicable requirements. N.A. Natural Gas Make-Up Air Heater (Direct Fired) CS-027-01 CS-027-02 (10-100 MMBtu/hr) N.A. No emission unit specific applicable requirements N.A. CS-027-01 CS-027-03 Natural Gas Make-Up Air Heater (Direct Fired) (10-100 MMBtu/hr) N.A. N.A. Natural Gas Make-Up Air Heater (Direct Fired) No emission unit specific applicable requirements. CS-027-01 CS-027-04 (10-100 MMBru/hr) N.A. No emission unit specific applicable requirements. N.A. Natural Gas Make-Up Air Heater (Direct Fired) N.A. CS-027-05 CS-027-01 (10-100 MMB(w/hr) N.A. No emission unit specific applicable requirements Natural Gas Make-Up Air Heater (Direct Fired) NA CS-027-01 CS-027-06 (10-100 MMBtu/hr) N.A. N.A. No emission unit specific applicable requirements. N.A. Facility-Wide Natural Gas Direct Fired CS-STL-01 CS-STL-01B Combustion Sources N.A. N.A. No emission unit specific applicable requirements. Fly Ash Collection System N.A. FA-005-01 FA-005-01 COOLING TOWERS N.A. N.A. No emission unit specific applicable requirements CT-STL-01 | CT-STL-01A NA Facility-Wide Cooling Towers N.A. N.A. No emission unit specific applicable requirements N A Facility-Wide Spray Ponds CT-STL-01 CT-STL-01B COMPOSITE USAGE No emission unit specific applicable requirements. N.A N.A. Facility-Wide Autoclaves CU-STL-01 | CU-STL-01A N.A. N.A. Facility-Wide Composite Curing Ovens N A No emission unit specific applicable requirements. CU-STL-01 CU-STL-01B N.A. N.A. No emission unit specific applicable requirements N.A Composite Curing Hot Press CU-STL-01 HP-101-01 N.A. N.A. N.A. No emission unit specific applicable requirements Composite Curing Hot Press CU-STL-01 HP-220-01 N.A. N.A. Composite Fiber Placement Machine No emission unit specific applicable requirements. N.A. CU-STL-01 MS-029A-04 HEAT TREAT OVENS N.A. No emission unit specific applicable requirements N.A. Endothermic Gas Heat Treat Oven N.A. HT-027-01 OV-027-01 N.A. N.A. No emission unit specific applicable requirements. N.A. OV-027-02 Endothermic Gas Heat Treat Oven HT-027-01 N.A. N.A. No emission unit specific applicable requirements. Endothermic Gas Heat Treat Oven N.A. OV-027-03 HT-027-01 N.A. N.A. No emission unit specific applicable requirements. OV-245-04 Endothermic Gas Heat Treat Oven N.A. HT-245-01 N.A. No emission unit specific applicable requirements. N.A. OV-245-05 Endothermic Gas Heat Treat Oven HT-245-01 N.A. N.A. Endothermic Gas Heat Treat Oven No emission unit specific applicable requirements. N.A. OV-245-06 HT-245-01 MAINTENANCE PAINTING N.A. N.A. No emission unit specific applicable requirements. Facility-Wide Maintenance/Architectural Painting N.A. MP-STL-01 MP-STL-01 N.A. N.A. No emission unit specific applicable requirements. SB-002-04 Spray Booth (Maintenance Activities) MP-STL-01 N.A. N.A. No emission unit specific applicable requirements.

Spray Hood (Model Aircraft)

MP-STL-01

SB-032-02

NA.

EMISSION UNITS REPORTED ON EIQ WHICH HAVE NO OTHER APPLICABLE REQUIREMENTS

EODM ()P - D04					Section I
Facility N			Cor	inty No.	Plant No.	Year Submitted
racinty iv	McDonnell Douglas Corporation			4300	0230	1997
All emissi	on points includ Il Douglas' oblig	ed on this form are reported an	nually in McDonnell E	ouglas' Emission Inventory Questionnaire. missions report for these sources is being addresse	ed herein as a "plant-wide" applicable require	ment.
EIQ POINT NO.	EMISSION	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
		Plating, Anodizing, etc.)				
PT-027-04	PT-027-04A	Process Tank	N.A.	No emission unit specific applicable requirements.	N.A.	N.A.
PT-027-04	PT-027-04C	Process Tank	NA.	No emission unit specific applicable requirements	N.A.	N.A.
PT-027-11	PT-027-11	Process Tank	N.A.	No emission unit specific applicable requirements.	N.A.	N.A.
PT-051-01	PT-051-01	Process Tank		No emission unit specific applicable requirements	N.A.	N.A.
PT-101-03	PT-101-03B	Process Tank	N.A.	No emission unit specific applicable requirements.	N.A.	N A
REFUELIN	G					
RF-STL-01	RF-STL-01	Unleaded Refueling	N.A.	No emission unit specific applicable requirements.	N.A.	NA.
RF-STL-02	RF-STL-02	Aircraft Fueling	N.A.	No emission unit specific applicable requirements.	N.A.	N.A.
VENTED S	OLVENTS					
BF-101-03	VS-101-04	Solvent Steam Cleaning Room	N.A.	No emission unit specific applicable requirements	N.A.	N A
WELDING						
	L ME CEL AL	Casilla, Wide Wolding Units	N.A.	No emission unit specific applicable requirements	N.A.	N.A.

FORM OP - D05 COMPLIAI	NCE DETERMINATION	METHODS	F	EDERALLY EN	FORCEABLE	E Section L
Facility Name McDonnell Douglas Corporation		County No.	4300	Plant No. 023	0	Year Submitted 1997
Emission Point No. Plant-wide	Emission Unit No. Plant-wi		1		CFR Part 61, 61.145, 61.15	50, 61.152, and 61.153
 Compliance Demonstration Method Check the Applicable Method 		lecordkeeping, R	Basis of Complia	ance Method		
Testing ✓ Recordkeeping	✓ Monitoring ✓ Reporting			pplicable Require cap Filling	ments	
	h have been performed to qu sting during the test and sun				HILL TANGETON LANGE	
Date Test Method N.A.	Firm		Operating Condi	tions	Summary of	Results
Recordkeeping List parameters for whice from the date of entry. F	h records are being maintair or each recorded parameter	ned, the frequency r include the metho	of such records (ho	ourly, daily, etc.) A	and the length	of time records are retained
Parameter (data) Being Recorded	Measurement M	ethod		Frequency		Record Retention
as required by the applicable subsect 61.145, 61.150, and 61.153	Douglas wil applicable s	stos abatement we ill follow the requi subsections of the fication, registrati	rements of the rule including	As required by	y regulation	As required by regulation
Monitoring						
Describe any emission Monitoring Device Type as required by the applicable subsection rule	Location Descri	monitor, pollutants ption	being monitored, sa	ampling frequency	and duration Poll	, and data reporting method. utant(s) Being Monitored
Sampling Frequency	Duration of Sam	pling	How Data Will Be	Reported		
Reporting Describe all reporting re	quirements and provide the		of report submittals	s to the agency.		
Reporting Requirement per the applicable subsections of 61.14		Title of Report Asbes	tos Project Notifica	ution	Submittal Fr per the appli 61.150, and	cable subsections of 61.145,
I DO, MIC INDITIONAL SHOPPORTOR OF CALL	- , , = =				•	

Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05

RM OP - D	OS COMPLIA	NCE DETERMINATION	METHODS	S F	EDERALLY E	NFORCEABLE	
acility Name			County No.		1	230	Year Submitted 1997
	nt No. Plant-wide	Emission Unit No. Pl	ant-wide	Applicable Requi	rement: 40	CFR Part 70 an	d 10 CSR 10-6.065
IIIISSIOII I OII	no Demonstration Meth	ods (Testing, Monitaring,	Recordkeepin	g, Reporting, etc.)			
	e Applicable Method	-		Basis of Compli	ance Method		W A 2 SUL SUL SUL
Check th		✓ Monitoring		✓ A	Applicable Requi	irements	
	_ Testing	✓ Reporting			Sap Filling		
	Recordkeeping						
Testing		ch have been performed to	- costific omissis	one. Include the date of	the test, metho	ds and procedure	es used, testing company,
	Describe any tests which	isting during the test and su	quantity emission	its.			*
		Firm	minuty of room	Operating Condi	tions Su	ummary of Resu	Its
)ate	Test Method	1					
	as required by the a						
	/eguitation	3					
Recordke	eping			5 /b	ausly daily ata) And the length	of time records are retained
	List parameters for whi from the date of entry.	ch records are being mainta For each recorded paramet	ained, the freque er include the n	ency of such records (nethod of measurement	ourly, daily, etc.	/ And the length	of time records are retained
Parameter (d	ata) Being Recorded	Measurement	Method		Frequency		Record Retention
	ed by the applicable regu	ulations as requi	as required by the applicable regulation		as required by the applicable regulations		5 years
Manitorin	19	its instrumed location of	of monitor, pollu	tants being monitored.	sampling freque	ncy and duration	, and data reporting method. utant(s) Being Monitored
Monitoring D		Location Des	cription	italito boilig memoral		Poll	utant(s) Being Monitored
as requir	ed by the applicable regi			D. A. MARIL D	- Demosted		
Sampling Fre	equency	Duration of S	ampling	How Data Will B	e Keported		
Reportin	g Describe all reporting	requirements and provide th	e title and frequ	uency of report submitte	als to the agency	1.	
Reporting R			Title of Repo	ort		Submittal Fr	equency
Prepare and facility.	submit operating permi	t application for the	n for the Title V Operating Permit Ap		pplication		ive (5) years or as required by le regulation
vacing) is	Attach description fo	r any Alternate Complian	ce Demonstrat	tion Methods not listed	d above and lal	bel as EXHIBIT F	ORM OP - D05
10 700 4540	(REV. April 11, 1996)	· mr. 11170000000		Duplicate this t	form as needed	d — — — —	Page D05F-2

ORM OP -	DOS COMPLIANC	E DETERMINATION MET	HODS	FEDERA	LLY ENFORCEAL	BLE	Section D
Facility Nan			County No.	4300	Plant No.		Year Submitted 1997
Emission P	oint No. Plant-wide		nt-wide	Applicable Requi	rement: 40 Applicable sect Ozone Deplet	_	art A: 82.13
5. Compli	ance Demonstration Meth	ods (Testing, Monitoring,	Recordkeepin	g, Reporting, etc.)			
	the Applicable Method			Basis of Compl			
	Testing	✓ Monitoring			Applicable Require	ments	
	/ Recordkeeping	✓ Reporting			Sap Filling		
Testing	Describe any tests whi	ch have been performed to calcisting during the test and su	quantify emission mmary of resu	Its.			edures used, testing company,
Date	Test Method N.A.	Firm		Operating Condi	tions	Summary o	r Results
Record	keeping List parameters for wh retained from the date	ich records are being mainta of entry. For each recorded	parameter inci	ency of such records ude the method of me	asurement.) And the len	gth of time records are
Parameter	(data) Being Recorded	Measurement N	ethod		Frequency		
amount an substance e	d type of Class I ozone dep exported, receiving country		export records		when Class I ozone depleting substance export occurs		5 years
Monito	ring Describe any emission method.	monitoring used, location o	f monitor, pollu	itants being monitored	I, sampling freque		
Monitoring	Device Type	Location Descr	ption			Pol	lutant(s) Being Monitored
record keep	oing as identified in the abov	e section				U17 L	
Sampling	Frequency	Duration of Sar	npling	How Data Will E	зе Керопеа		
Report	ing Describe all reporting	requirements and provide th	e title and freq	uency of report submi	ttals to the agency		
Reporting	Requirement		Title of Repor	t		Submillai r	
	Class I ozone depleting sub	1		lass I ODS Export R		"control pe	
	Attach description for	any Alternate Compliance	Demonstratio	n Methods not listed	d above and labe	l as EXHIBIT	FORM OP - D05
MO 780-151	9 (REV. April 11, 1996)			Duplicate this t	orm as needed	•	Page D05F-3

NOM OR	DOE COMPLIAN	NCE DETERMINATION	METHODS	F	EDERALLY ENF	FORCEABLE Section D	
acility Name		OL BETERMINATION	County No.	4300	Plant No. 0230		
mission Po	int No. Plant-wide Motor Vehicle Air				Applicable Requirement: 40 CFR Part 82 Applicable sections of Subpart B		
. Compliar	nce Demonstration Metho	ods (Testing, Monitoring,	Recordkeeping,	Reporting, etc.)	Mathod		
	ne Applicable Method			Basis of Compile		monte	
4	Testing	/ Monitoring			pplicable Requiren ap Filling	nents	
/	Recordkeeping	/ Reporting		1 G	rap Filling		
Testing	Describe any tests which	ch have been performed to onditions existing during the f	quantify emission est and summary	of results.		and procedures used, testing	
Date	Test Method N.A.	Firm		Operating Condi	tions	Summary of Results	
Records	List parameters for which from the date of entry.	For each recorded paramete	er include the me	cy of such records (ho thod of measurement.	ourly, daily, etc.) A	nd the length of time records are retained Record Retention	
l) operator t	Parameter (data) Being Recorded 1) operator training and certification 2) use of proper equipment		Measurement Method 1) Records of operator training and certification will be kept on file. 2) Only equipment which is approved will be used to service motor vehicle air conditioners.		1 .	nd 5 years	
Monitori	ng				ampling frequency	and duration, and data reporting method. I Pollutant(s) Being Monitored	
	Describe any emission Device Type ag as identified in the abo	Location Desc	ription			Pollutant(s) Being Monitored	
Sampling Fr		Duration of Sa	mpling	How Data Will B	e Reported		
Reportir	ng Describe all reporting r	equirements and provide th	e title and freque	ncy of report submittal	s to the agency.		
Certification servicing me	Requirement n statement to EPA stating notor vehicle air conditione	that the individuals ers are properly certified	Title of Report	-		Submittal Frequency no later than January 1, 1993 or within 30 days of new ownership	
	Attach description for	r any Alternate Complianc	e Demonstratio	n Methods not listed	above and label	as EXHIBIT FORM OP - D05 Page D05F-4	
10 780-1519	(REV. April 11, 1996)			Duplicate this fo	orm as needed	Page DUST-4	

ORM OP - D05	COMPLIAN	ICE DETERMINATION	METHODS		FEDERALLY EN	FORCEABLE	E Section D
Facility Name McDonnell Dougl			County No.	4300	Plant No.		Year Submitted 1997
Emission Point N	o. Plant-wide		ant-wide	Applicable Requ		CFR Part 82 ubsections of	
5. Compliance I	Demonstration Metho	ds (Testing, Monitoring, I	Recordkeeping,	Reporting, etc.)			
	oplicable Method			Basis of Compli			
Т	esting	✓ Monitoring			Applicable Require	ments	
✓ F	Recordkeeping	Reporting			Gap Filling		
Testing D	escribe any tests which ompany, operating con	n have been performed to q ditions existing during the to	uantify emission	y of results.			
Date	Test Method <i>N.A.</i>	Firm		Operating Cond	itions	Summary of	f Results
Recardkeepli Li fr	st parameters for which	h records are being maintai or each recorded paramete	ned, the frequer r include the me	ncy of such records (h thod of measurement	ourly, daily, etc.) / 	And the length	of time records are retained
Parameter (data)		Measurement N			Frequency		Record Retention
1) warning states final products ma Class I ozone dep II ozone depleting or promulgation of	ments on or accompan inufactured with or co leting substances (and g substances after Jan of earlier labeling rul ntainers of Class I or	ontaining label) which acc aircraft, missile a 1, 2015 e)	company the del	iining a warning livery of completed lies.	with each prod	uct delivery	5 years
Monitoring			monitor polluta	nte being monitored s	sampling frequenc	v and duration	n, and data reporting method.
Monitoring Device		Location Descr	iption			Poli	lutant(s) Being Monitored
Sampling Freque	ency	Duration of Sar	mpling	How Data Will B	e Reported		
Reporting D	escribe all reporting re	equirements and provide the	e title and freque	ncy of report submitta	ls to the agency.		
Reporting Requi			Title of Report			Submittal F	• •
	None			-			N.A.
Α	ttach description for	any Alternate Complianc	e Demonstratio			as EXHIBIT	FORM OP - D05
MO 780-1519 (RE	V. April 11, 1996)			Duplicate this f	orm as needed		Page D05F-5

FEDERALLY ENFORCEABLE

RM OP - D05	COMPLIANCE	DETERMINATION MET	THODS	FEDERA	LLY ENFORCEA	BLE	Section D
acility Name			County No.	4300	Plant No.		Year Submitted 1997
mission Reduction	Plant-wide stance Recycling and	Mg out out of the	t-wide	Applicable Requir		CFR Part 82 sections of Su	ubpart F
Check the Appl Tes		(Jesting, Monitoring, Recommendation of the continuous description) ✓ Monitoring Reporting	ordkeeping, Kep	Basis of Compli	ance Method Applicable Require Gap Filling	ments	
Testing Des	cribe any tests which rating conditions exist	have been performed to quantification in the test and summer	antify emissions. mary of results.				
ate Te	st Method N.A.	Firm		Operating Condit	ions	Summary of	Results
Recordkeeping List	parameters for which	records are being maintaine n recorded parameter includ	ed, the frequency le the method of	of such records (hou measurement.	rly, daily, etc.) And	the length of t	time records are retained from
'arameter (data) Be		Measurement Me			Frequency		Record Retention
) per the requirem	ents of 82.166	1) per the requir	ements of 82.166		1) per the requ 82.166 2) as training a		
) operator training) use of proper equ		be kept on file. 3) Only equipme	 2) Records of operator training and certification will be kept on file. 3) Only equipment which is approved will be used to service stationary refrigerant sources. 			ur	5 years
') records of all ref	rigerant transfers	4) Records of all file.	l refrigerant trans	sfers will be kept on	4) as transfers	are made	
		onitoring used, location of m	nonitor, pollutants	being monitored, sar	npling frequency a	nd duration, ar	nd data reporting method. Tutant(s) Being Monitored
Monitoring Device			Stion				,,,
Sampling Frequence	lentified in the above	Duration of Sam	pling	How Data Will B	e Reported		
Penorting		uirements and provide the ti	9.	of report submittals			
Reporting Requirer	ment		Title of Report			Submittal Fi	•
Report to EPA any can not be repaired of 82.166.	units which exceed al within rule time fram	lowable leak rates and es per the requirements		-	4	reporting per	ination that unit is subject to r the requirements of 82.166
	Attach description fo	r any Alternate Complianc	e Demonstration	Methods not listed	above and label a	s EXHIBIT FO	
O 780-1519 (REV.	April 11, 1996)			Duplicate this fo	orm as needed		Page D05F-6

FORM OP - DO	5 COMPLIAN	ICE DETERMINATION	METHODS	F	EDERALL	Y ENFORCEABL	E Section D
Facility Name McDonnell Dou	glas Corporation		County No.	4300	Plant No.	0230	Year Submitted 1997
Emission Point	No. Plant-wide	Emission Unit No.	Plant-wide	Applicable Requir	ement:	10 CSR 10-5.070	
5. Compliance	Demonstration Metho	ds (Testing, Monitoring, R	ecordkeeping,				
Check the	Applicable Method			Basis of Complia	ance Metho	d	
	Testing	Monitoring			5.15	equirements	
	Recordkeeping	see below Reporting		G	ap Filling		
Testing	Describe any tests which operating conditions exis	n have been performed to questing during the test and sum	antify emission mary of results				ires used, testing company,
Date	Test Method	Firm		Operating Conditi	ons	Summary of Res	ults
	N.A.				·		
Recordkeep	List parameters for which	n records are being maintain or each recorded parameter	ed, the frequen	cy of such records (ho	ourly, daily,	etc.) And the length	of time records are retained
Parameter (data	a) Being Recorded	Measurement Me	thod		Frequenc	у	Record Retention
	N.A.					•	
Monitoring					U f		and data constinu method
Monitoring Dev		nonitoring used, location of r	nonitor, pollutar	its being monitored, s	ampling free	Pol	n, and data reporting method. Iutant(s) Being Monitored
World of the Bea	ice Type	20041011	•••				, , ,
	N.A.			_			
Sampling Frequ	uency	Duration of Samp	oling	How Data Will Be	Reported		
Reporting	Doscribe all reporting re-	quirements and provide the	itle and frequer	cv of report submittal	s to the age	ncv.	
Reporting Requ		T	itle of Report	-, -, -, -, -, -, -, -, -, -, -, -, -, -	-3-	Submittal F	requency
No reporting red McDonnell Dou of Section (3) o	quired. If any open bur uglas shall follow the re. f the rule.	rning is conducted, strictions and provisions	Domonotration	- Methods not listed	ahove and	lahel as FYHIRIT	N.A.

FORM OP - D	09 COMPLIMIN	CE DETERMINATION	WILTHOUS		EDERALLY	27.11 01(02),12	LE Section D							
Facility Name			County No.		Plant No.		Year Submitted							
McDonnell Dou	iglas Corporation			4300		0230	1997							
Emission Point	t No. Plant-wide specific opacity CS-005-02, -03, -04 and	Emission Unit No. excluding unit-specific op monitoring for CS-005-02 CS-101-05, -06	Plant-wide pacity 2, -03, -04 and	Applicable Require	ement:	10 CSR 10-5.09	0							
5. Compilance	e Demonstration Method	s (Testing, Monitoring, R	ecordkeeping F	Reporting, etc.)			4.00							
ECCCC-000000000000000000000000000000000	Applicable Method		•	Basis of Complia	ance Method									
	Testing	✓ Monitoring		Applicable Requirements										
/	Recordkeeping	Reporting		✓ Gap Filling										
Testing	Describe any tests which operating conditions exist	have been performed to quing during the test and sum	uantify emissions nmary of results.				dures used, testing company,							
Date	Test Method	Firm		Operating Conditi	ons	Summary of Re	esults							
	N.A.													
Recordkee	Recordkeeping List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.													
Parameter (dat	ta) Being Recorded	Measurement Me	thod		Frequency		Record Retention							
		v	visual observation or		see attached									
	opacity		Method 9		(Page	e D05F-8A)	5 years							
Monitoring														
		onitoring used, location of r	monitor, pollutant	s being monitored, sa	amplina fredi	Jency and durati	Monitoring Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method.							
Monitoring De	Describe any emission monitoring used, location of Monitoring Device Type Location Descri					D	ollutant(s) Reing Monitored							
			otion			P	ollutant(s) Being Monitored							
visual	observation or Method 9	'	otion	- see attached (Page	D05F-8A)	P	ollutant(s) Being Monitored opacity							
visual Sampling Freq	observation or Method 9	par Duration of Sam	ticulate sources		D05F-8A)	P	ollutant(s) Being Monitored							
	observation or Method 9 Juency see attached	par Duration of Sam	ticulate sources pling ached	- see attached (Page	D05F-8A)	P	ollutant(s) Being Monitored							
	observation or Method 9	par Duration of Sam	ticulate sources pling ached	- see attached (Page	D05F-8A)	P	ollutant(s) Being Monitored							
	observation or Method 9 Juency see attached (Page D05F-8A)	Duration of Same see atte	otion ticulate sources pling ached 05F-8A)	- see attached (Page How Data Will Be	D05F-8A) Reported	P	ollutant(s) Being Monitored							
Sampling Free	observation or Method 9 Juency see attached (Page D05F-8A) Describe all reporting r	Duration of Sam see att (Page De	otion ticulate sources pling ached 05F-8A) the title and free	- see attached (Page How Data Will Be	D05F-8A) Reported	the agency.	ollutant(s) Being Monitored							
Sampling Freq	observation or Method 9 Juency see attached (Page D05F-8A) Describe all reporting r	Duration of Sam see att (Page De	otion ticulate sources pling ached 05F-8A)	- see attached (Page How Data Will Be quency of report su	D05F-8A) Reported	the agency.	ollutant(s) Being Monitored opacity Frequency							
Sampling Free	observation or Method 9 Juency see attached (Page D05F-8A) Describe all reporting r	Duration of Sam see att (Page De	otion ticulate sources pling ached 05F-8A) the title and free	- see attached (Page How Data Will Be	D05F-8A) Reported	the agency.	ollutant(s) Being Monitored opacity							
Sampling Free	observation or Method 9 Juency See attached (Page D05F-8A) Describe all reporting ruirement	Duration of Sam see att (Page De	otion cticulate sources pling ached 05F-8A) the title and free Title of Report	- see attached (Page How Data Will Be quency of report su N.A.	D05F-8A) Reported bmittals to	the agency. Submittal	onutant(s) Being Monitored opacity Frequency N.A.							

FORM OP - F01 GENERAL COMMENTS Section F

Facility Name	County No.	Plant No.	Year Submitted
McDonnell Douglas Corporation	4300	0230	1997

Form OP-D05 for 10 CSR 10-5.090 (CS-005-02, -03, -04, and CS-101-05, -06)

With the exception of unit-specific opacity determinations described for CS-005-02, CS-005-03, CS-005-04, (coal fired boilers) and CS-101-05 and CS-101-06 (refuse-fired boilers), plant-wide opacity compliance will be determined through visual observation by McDonnell Douglas air pollution control staff. If an opacity problem is observed, a certified Method 9 Observer will be notified, and a follow-up Method 9 observation made and recorded. The visual observation will be as follows:

Boilers with fuel oil backup: Once each working day (air pollution staff) that natural gas supplies are interrupted to an affected boiler.

Emergency generators: Once each working day (air pollution staff) that electrical power is interrupted in an area served by emergency generators for a period of four hours or more (i.e., excluding equipment tests and brief outages).

Natural gas combustion units and other particulate emission sources not described above: Quarterly recorded plant-wide visual observation.

ORM OP - DO	5 COMPLIAI	NCE DETERMINATION	ATION METHODS			FEDERALLY ENFURCEABLE Sect	
Facility Name McDonnell Doug	glas Corporation	y and and an part	County No.	4300	Plant No	0230	Year Submitted 1997
Emission Point	No. Plant-wide	Emission Unit No.	Plant-wide	Applicable Requir	ement:	10 CSR 10-5	.100
5. Compliance	Demonstration Metho	ods (Testing, Monitoring, R	ecordkeeping,	Reporting, etc.)			· 在一个的图像,并是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
Check the A	Applicable Method	American Section 1		Basis of Compli	ance Meth	od	•
	Testing	✓ Monitoring		A	pplicable l	Requirements	
	Recordkeeping	Reporting			Sap Filling		
Testing	Describe any to company, oper	ests which have been perforating conditions existing du	rmed to quantify	y emissions. Include d summary of results.	the date o	f the test, metho	ds and procedures used, testing
Date	Test Method	Firm		Operating Conditi	ons	Summary of	Results
Park of	N.A.						
Recordkeep	List parameters retained from the	he date of entry. For each red	corded paramete	e frequency of such rec er include the method	of measure	ement.	d the length of time records are
Parameter (data) Being Recorded $N.A.$	Measurement M	ethod		Frequer	ncy	Record Retention
Monitoring	Describe any e reporting metho	mission monitoring used, loc	ation of monitor	, pollutants being mon	itored, san	npling frequency	and duration, and data
Monitoring Devi		Location Descri	ption	Language Control	10. 10		Pollutant(s) Being Monitored
Agen	cy inspection records						PM
Sampling Frequ	ency	Duration of Sam	pling	How Data Will Be	Reported		
Reporting	Describe all rep	porting requirements and pro	ovide the title and	d frequency of report s	ubmittals t	o the agency.	
Reporting Requ			Title of Report				tal Frequency
A April Inflantini Nama ar a Sant	None			N.A.			N.A.
	Attach description for	r any Alternate Compliance	Demonstration	n Methods not listed	above and	l label as EXHIB	IT FORM OP - D05
	V. April 11, 1996)		157-	Duplicate this fo	rm as nee	eded	Page D05F

ORM OP - D05	COMPLIANCE D	ETERMINATIO	NMETHODS	to the second se	EDERALL	Y ENFURCEAB	SLE Section i
Facility Name McDonnell Doug	las Corporation		County No.	4300	Plant No.	0230	Year Submitted 1997
Emission Point N		sion Unit No.	Plant-wide	Applicable Requir	rement:	10 CSR 10-5.11	10 (3) and (4)
Check the A	Demonstration Methods (Te oplicable Method Testing Recordkeeping	Monitoring Monitoring Reporting	Recordkeeping	Basis of Compli	ance Method Applicable Re Bap Filling		
Testing	-						
resuny	Describe any tests whi company, operating co	ch have been perfor nditions existing dur	med to quantify eling the test and s	ummary of results.			nd procedures used, testing
Date	Test Method	Firm		Operating Condition	ions	Summary of Re	esults
	N.A.						an a said.
Recordkeepii	ng List parameters for whi retained from the date	ch records are being of entry. For each re	g maintained, the ecorded paramete	frequency of such red r include the method	cords (hourly of measurer	/, daily, etc.) And nent.	the length of time records are
Parameter (data)	Being Recorded	Measurement N	lethod		Frequenc	у	Record Retention
	B following Form OP-D05 fo 0-6.260 (Page D05S-8).		nt B following Fo R 10-6.260 (Page	orm OP-D05 for 10 D05S-8).		-	
Monitoring							
	Describe any emission reporting method.	monitoring used, lo	cation of monitor,	pollutants being mon	itored, samp	recognition of	
Monitoring Device		Location Descr	iption			P	ollutant(s) Being Monitored
	B following Form OP-D05 fo 0-6.260 (Page D05S-8).	or				- 124	
Sampling Freque	ency	Duration of San	npling	How Data Will Be	Reported	ngu g u er	
Reporting	Describe all reporting r	equirements and pr	ovide the title and	frequency of reports	submittals to	the agency.	
Reporting Requi		equirements and pr	Title of Report	noquonoy or report o		Submitta	l Frequency
No routine repo	orting. Records shall be mad agency upon request.			N.A.			N.A.
A	ttach description for any Al	ernate Complianc	e Demonstration	Methods not listed	above and	label as EXHIBI	T FORM OP - D05
10 780-1519 (RE	V. April 11, 1996)			Duplicate this fo	orm as need	iea	Page D05F-

FORM OP - DO	05 COMPLIANO	CE DETERMINATIO	N METHODS		FEDERALL	Y ENFORCEAL	BLE Section D
Facility Name McDonnell Dou	glas Corporation		County No.	4300	Plant No.	0230	Year Submitted 1997
Emission Point	No. Plant-wide	Emission Unit No.	Plant-wide	Applicable Requi	rement:	10 CSR 10-5.1:	50 (2) and (3)
	Demonstration Method Applicable Method Testing	s (Testing, Monitoring). Monitoring	Recordkeeping;	Basis of Compl		d equirements	
/	Recordkeeping	Reporting		<u> </u>	Gap Filling		
Testing	Describe any test company, operati	ng conditions existing dur	med to quantify eing the test and s	summary of results.			nd procedures used, testing
Date	Test Method	Firm		Operating Condit	tions	Summary of R	esuits
	N.A.			and the second		- J. J.	
Recordkee	List parameters for	or which records are being date of entry. For each re	g maintained, the ecorded paramete	frequency of such re er include the method	cords (hourl of measure	y, daily, etc.) And ment.	I the length of time records are
Parameter (dat	a) Being Recorded	Measurement N	lethod		Frequenc	у	Record Retention
	at B following Form OP-L 10-6.260 (Page D05S-8).	,	nt B following F R 10-6.260 (Page	form OP-D05 for 10 D05S-8).		• 2 2	
Monitoring							
	Describe any emi reporting method.	ssion monitoring used, lo	cation of monitor	, pollutants being mor	nitored, sam		
Monitoring Dev		Location Descri	iption			P	ollutant(s) Being Monitored
	nt B following Form OP-L 10-6.260 (Page D05S-8).	005 for			To a		
Sampling Freq	uency	Duration of San	npling	How Data Will Be	Reported		
Reporting	Describe all repor	ting requirements and pro	ovide the title and	I frequency of report s	submittals to	the agency.	
Reporting Req	uirement	THE PARTY	Title of Report			Submitta	l Frequency
	porting. Records shall be agency upon reques	st.		N.A.			N.A.
	Attach description for ar	ny Alternate Compliance	e Demonstration	Methods not listed	above and	label as EXHIBI	T FORM OP - D05
MO 780-1519 (R	EV. April 11, 1996)			Duplicate this fo	orm as need	ied	Page D05F-11

00# 0D D0	E COMPLIAN	CE DETERMINATIO	N METHODS		FEDERALLY E	VFORCEABLE	Section D
Facility Name	glas Corporation	OL DETERMINATION	County No.	4300	Plant No.		Year Submitted 1997
Feelenian Doint	No Plant-wide	Emission Unit No. Pi	lant-wide	Applicable Requi	rement: 10 C	CSR 10-6.110	
E Compliance	Demonstration Metho	ds (Testing, Monitoring,	Recordkeeping,	Reporting, etc.)			
	Applicable Method			Basis of Compli	ance Method		
	Testing	✓ Monitoring		/ A	Applicable Require	ements	
	Recordkeeping	✓ Reporting			Sap Filling		
	Recordiceping						
Testing [Describe any tests which	n have been performed to sting during the test and su	quantify emissions ummary of results.				es used, testing company,
Date	Test Method	Firm		Operating Condi	tions Sur	nmary of Resu	ults
	N.A.						
Recordkeep	Liet parameters for which	h records are being maint or each recorded paramet	ained, the frequen	cy of such records (h	ourly, daily, etc.)	And the length	of time records are retained
		Measurement	Method	1100 01 1110000	Frequency		Record Retention
Parameter (data	a) Being Recorded	Wedsurement	mothou				
material and fu	el usage data	use of plant pu system	rchasing records	material tracking	ann	ually	5 years
Monitoring				La baine monitored	compling frequen	v and duration	and data reporting method.
Monitoring Dev	vice Туре	Location Desc	of monitor, poliutar	its being monitored, s	sampling nequen	Poli	i, and data reporting method. lutant(s) Being Monitored
record keep section	ing as identified in the	ubove					
Sampling Frequency	uency	Duration of Sa	ampling	How Data Will B	e Reported		
Reporting		equirements and provide the	se title and frequer	ocy of report submitta	als to the agency.		
		equirements and provide ti	Title of Report	loy of report occurren		Submittal F	requency
Reporting Requested Prepare and sur regulated pollu	bmit report on annual	emission rates of		ions Inventory Ques	tionnaire		annually
	Attach description for	any Alternate Complian	ce Demonstration	n Methods not listed	above and labe	l as EXHIBIT I	FORM OP - D05
	REV. April 11, 1996)			Duplicate this f	form as needed		Page D05F-12

ORM OP - DO	5 COMPLIA	NCE DETERMINATION	METHODS	FEDERA	ALLY ENF	ORCEABLE	BLE Section D	
Facility Name	glas Corporation		County No.	4300	Plant No.	0230	Year Submitted 1997	
-	No. Plant-wide	Emission Unit No.	Plant-wide	Applicable Requir	rement:	10 CSR 10-6.	130	
5. Compliance	Demonstration Meth	ods (Testing, Monitaring, F	ecordkeeping,	Reporting, etc.)				
	Applicable Method			Basis of Compli	ance Metho	d		
	Testing	Monitoring		A	Applicable R	equirements		
	Recordkeeping	see below Reporting			Sap Filling			
Testing	Describe any tests whi operating conditions ex	ch have been performed to quikisting during the test and sun	uantify emission nmary of results.				cedures used, testing company,	
Date	Test Method	Firm	-	Operating Condit	ions	Summary of	Results	
3 17	N.A.			and the same of the				
Recordkeep	List parameters for wh	ich records are being maintai For each recorded paramete	ned, the frequen r include the me	cy of such records (he thod of measurement			ngth of time records are retained	
Parameter (data	a) Being Recorded	Measurement Me	thod		Frequenc	;y	Record Retention	
	N.A.	u						
Monitaring					ompling fro	auonov and dur	ation, and data reporting method	
Manitoring Day		Location Descrip	monitor, pollutar	nts being monitored, s	sampling ned	quericy and dui	ation, and data reporting method. Pollutant(s) Being Monitored	
Monitoring Dev	ice Type	Location begonp					.,	
	N.A.							
Sampling Frequency	uency	Duration of Samp	oling	How Data Will Be	Reported			
	The stages							
Reporting	Describe all reporting	requirements and provide the	title and frequer	ncy of report submittal	ls to the age	ncv.		
Reporting Requ			Title of Report	loy of report oublimed	io to the age	Submit	tal Frequency	
its stationary so	urces when requested	air pollution alert plan for by the agency director.		-			N.A.	
	Attach description fo	r any Alternate Compliance	Demonstration	Methods not listed	above and	label as EXHII	BIT FORM OP - D05	
10 780-1519 (R	EV. April 11, 1996)			Duplicate this fo	orm as need	ded	Page D05F-13	

	0.01171.14.11	OF DETERMINATION	METHODS	FEDERA	LLY ENFO	DRCEABLE	Section D
FORM OP - D05	COMPLIAN	CE DETERMINATION	County No.	1 200 201	Piant No.		Year Submitted
Facility Name McDonnell Douglas (Cornoration		County 140.	4300		0230	1997
Emission Point No.		Emission Unit No.	Plant-wide	Applicable Requir	ement:	10 CSR 10-6.180	
Emission Point No.	Tunt-wide	is (Testing, Monitoring, R	ecordkeeping.	Reporting etc.)			
Check the Applic				Basis of Complia	ance Method	d	
✓ Testi		Monitoring		✓ A	opplicable Re	equirements	
	ordkeeping	✓ Reporting		G	Sap Filling		
Testing Descri	ribe any tests which	have been performed to qu	uantify emissions	s. Include the date of	the test, me	ethods and procedu	res used, testing company,
opera	iting conditions exis	ting during the test and sun	nmary of results.			Summary of Res	
Date Test	Method	Firm		Operating Conditi	ions	Summary of Res	Till the state of
	the requirements of	<i>c</i>				_	
Sect	ions (1) and (2) of	the rule					
and	at the request of th	e				700	
agei	ncy director						
Recordkeeping	. Samulain		ined the frequen	cv of such records (h	ourly, daily,	etc.) And the length	of time records are retained
List p	parameters for which the date of entry. For	or each recorded paramete	r include the me	thod of measurement	•		
Parameter (data) Be		Measurement M	ethod		Frequenc	Э	Record Retention
rafameter (duta) =	9						
	N.A.						
Monitoring			and the selling	ata boing monitored	sampling fre	quency and duration	n, and data reporting method. Ilutant(s) Being Monitored
Desc	ribe any emission r	nonitoring used, location of Location Descri	ntion	its being monitored, c	samping i.e	Po	llutant(s) Being Monitored
Monitoring Device 1	ype	Location Boson.					
	N.A.		11 12 1				
Sampling Frequenc	У	Duration of San	npling	How Data Will Be	Reported		
Reporting		quirements and provide the	a title and freque	ncy of report submitta	als to the age	ency.	
		equirements and provide the	Title of Report	(io) 0.10p	17-1	Submittal	requency
Reporting Requirer	Helit		-			man éle a ma	equirements of Section (1) of
per the req	uirements of Section	on (1) of the rule				per ine re	the rule

ORM OP - D05 COMPLIANCE DE Facility Name McDonnell Douglas Corporation	TERMINATION MET	County No.	4300	Plant No.		Year Submitted 1997
Emission Point No. BF-STL-03, BF-002-03, BF-027-03, BF-029-03, BF-048-03, BF-066-03, BF-101-03, BF-102-03, BF-220-03, and BF-245-03	Emission Unit No. BF-002-03, BF-027-03 BF-048-03, BF-066-03 BF-102-03, BF-220-03	3, BF-101-03, 3, and BF-245-03	Applicable subse	uirement: 40 CFR ections of: 63.743, erospace Cleaning	63.744, 63.74	part GG: 19, 63.750, 63.752, and
5. Compliance Demonstration Methods (Test Check the Applicable Method Testing Recordkeeping	ing Monitoring, Record Monitoring		Basis of Comp	liance Method Applicable Require Gap Filling	ments	
Testing Describe any tests which have to operating conditions existing du	peen performed to quantify	y emissions. Inclu				
Date Test Method - composition and vapor put determinations: per the	ressure Firm	N.A.	Operating Cond	litions I.A.	Summary o	of Results N.A.
requirements of the appli subsections of 63.750	cable					
requirements of the applications of 63.750 Recordkeeping List parameters for which record	ds are being maintained, t	he frequency of si	uch records (hourly	, daily, etc.) And th	ne length of tir	ne records are retained from
requirements of the appli subsections of 63.750	ds are being maintained, to reded parameter include the Measurement ons of Keep record to potion 63.752 included.	e method of meas	required by r pressure data,	Frequency as required by table subsection.	the applic-	me records are retained from Record Retention 5 years
requirements of the applications of 63.750 Recordkeeping List parameters for which record the date of entry. For each record the requirements of the applicable subsections of the applicable subsection of the cleaning compliance of the cleaning compliance of the applications of the application of the cleaning compliance of the cleaning compli	ds are being maintained, to reded parameter include the measurement ons of Keep record option 63.752 include organic HAF	ne method of measure that Method log of parameters ding solvent vapor content, MSDS, tor, pollutants bein	required by r pressure data, etc.	Frequency as required by the able subsection.	the applic- s of 63.752	Record Retention 5 years
requirements of the applications of 63.750 Recordkeeping List parameters for which record the date of entry. For each record the date of entry are each recorded per the requirements of the applicable subsections. 63.752 depending on the cleaning compliance of chosen Monitoring Describe any emission monitorical subsections.	ds are being maintained, to reded parameter include the measurement ons of the following of the following with the following the following maintained, to reded the following maintained, the following maintained is sufficient to the following maintained in the following maintained is sufficient to the following maintained in the following maintained is sufficient to the following maintained in the following maintained is sufficient to the following maintained in the following maintained is sufficient to the following maintained in the following maintained is sufficient to the following maintained in the following maintained is sufficient to the following maintained in the following maintained is sufficient to the following maintained in the following maintained is sufficient to the following maintained in the following maintained is sufficient to the following maintained in the following maintained is sufficient to the following maintained in the following maintained is sufficient to the following maintained in the following maintained in the following maintained is sufficient to the following maintained in the following maintained in the following maintained is sufficient to the following maintained in the following maintained in the following maintained in the following maintained is sufficient to the following maintained in the following maintained in the following maintained in the following maintained in the following ma	le method of measure method of measure method of measure method of measure mea	required by r pressure data, etc.	Frequency as required by to able subsection.	the applic- s of 63.752	Record Retention 5 years didata reporting method.
requirements of the applications of 63.750 Recordkeeping List parameters for which record the date of entry. For each record the date of entry are each recorded per the requirements of the applicable subsections. 63.752 depending on the cleaning compliance chosen Monitoring Describe any emission monitorical Monitoring Device Type N.A.	is are being maintained, to rided parameter include the Measurement ons of Keep record option 63.752 include organic HAF	le method of measure Method log of parameters ding solvent vapor content, MSDS, cor, pollutants bein scription Sampling	required by recessore data, etc. If many the same of	Frequency as required by the able subsection. Simple subsection of the subsection of	the applic- s of 63.752	Record Retention 5 years didata reporting method.

FORM OP - D05	COMPLIAN	ICE DE	I ERMINATION	ME LUOD2	r	EDEKALLY EN	FUNCEADLE		
Facility Name McDonnell Douglas C	orporation			County No.	1300	Plant No. 023	0	Year Submitted 1997	
Emission Point No.		Emissio	on Unit No.		Applicable Requi	irement:			
None			MS-027-0	05		40	CFR Part 68		
5. Compliance Demo	onstration Metho	ds (Testi	ng Monitoring Re	ecord keeping. R	leporting, etc.)				
Check the Applica	000000000000000000000000000000000000000	***************************************			Basis of Complia	ance Method			
Testir	ng –		Monitoring		✓ A	pplicable Require	ements		
	rdkeeping		✓ Reporting			Sap Filling			
Testing									
Descri	be any tests whic ing conditions exi	h have be sting durir	en performed to qu ng the test and sum	antify emissions. mary of results.	Include the date of	the test, methods	and procedu	res used, testing company,	
and the second s	Method		Firm		Operating Condi	tions	Summary o	f Results	
12 JW - 12 J	N.A.								
Record keeping					() d - (b	and delle stall	and the length	of time records are retained	
from th	ne date of entry. F	th records for each re	ecorded parameter	include the metho	of such records (no		and the length	of time records are retained	
Parameter (data) Beir	ng Recorded		Measurement Me	ethod		Frequency		Record Retention	
record keeping para Manag	meters indicated ement Plan	in Risk	method described in Risk Management Plan		nagement Plan	as indicated in Risk Management Plan		5 years	
Monitoring									
alicintog	Describe any er reporting metho		onitoring used, loca	ation of monitor, p	ollutants being mon	itored, sampling f			
Monitoring Device Ty			Location Descrip	otion			Pol	lutant(s) Being Monitored	
	N.A.		1						
Sampling Frequency			Duration of Sam	pling	How Data Will Bo	e Reported			
Reporting	Describe all ren	orting roa	uirements and prov	ide the title and f	requency of report s	submittals to the a	gency.		
Denoting Requireme		orting req		Fitle of Report	requestoy of topolities		Submittal F	requency	
Reporting Requirement McDonnell Dougla		Rick Man		inio oi riopori				•	
package by the con	mpliance date(s) . applicable.	specified .	in the rule as		sk Management Pla			any time area is modified	
Attach	n description for	any Alter	nate Compliance	Demonstration I	Methods not listed	above and label	as EXHIBIT I	FORM OP - D05	
MO 780-1519 (REV. A					Duplicate this fo			Page D05F-16	

FORM OP - D	05 COMPLIAN	CE DETERMINATION	METHODS	F	FEDERALLY EN	FORCEABLE	E Section D
Facility Name	iglas Corporation		County No.	4300	Plant No.	30	Year Submitted 1997
Emission Poin	t No.	Emission Unit No.		Applicable Requi	irement:		
	None	MS-052-0			40	CFR Part 68	
5. Compliand	e Demonstration Metho	ds (Testing, Monitoring, R	ecordkeeping, R	eporting, etc.)			All the second second
	Applicable Method			Basis of Complia	ance Method		
	Testing	Monitoring		✓ A	pplicable Require	ements	
	Recordkeeping	✓ Reporting		G	Sap Filling		
Testing	· · · · · · · · · · · · · · · · · · ·						
70011119	Describe any tests which operating conditions exis	n have been performed to qualiting during the test and sum	uantify emissions. nmary of results.	Include the date of	the test, methods		
Date	Test Method	Firm		Operating Condi	tions	Summary of	f Results
	N.A.						
Recardkee	ping						
	List parameters for which	n records are being maintair or each recorded parameter	ned, the frequency include the meth	of such records (he od of measurement.		And the length	of time records are retained
Parameter (dat	a) Being Recorded	Measurement M	ethod		Frequency		Record Retention
	ng parameters indicated i Management Plan	in Risk method desc	ribed in Risk Ma	nagement Plan	as indicate Managen		5 years
Menitoring							
		nonitoring used, location of	monitor, pollutants	s being monitored, s	ampling frequenc	y and duration	, and data reporting method.
Monitoring De	vice Type	Location Descri	ption			Poli	utant(s) Being Monitored
	N.A.						
Sampling Freq	uency	Duration of Sam	pling	How Data Will Be	Reported		
Reporting		عطة على عند العام الع	Aither and francisms	u of roport aubmittal	s to the agency		
		quirements and provide the		y of report submittan	s to the agency.	Submittal F	radional
Reporting Req	uirement		Title of Report			Submittari	requericy
package inc	Douglas shall submit a R luding a registration by t specified in the rule as a	the compliance date(s) applicable.		sk Management Pla			y time area is modified
	Attach description for	any Alternate Compliance	Demonstration			as EXHIBIT I	
MO 780-1519 /F	REV. April 11, 1996)			Duplicate this fo	rm as needed		Page D05F-17

MO 780-1519 (REV. April 11, 1996)

FORM OP - D05	COMPLIANCE DET	ERMINATION ME	THODS	FEL	DERALLY ENFO	RCEABLE	Section D
Facility Name McDonnell Douglas			County No.	1300	Plant No. 0230	0	Year Submitted 1997
Emission Point No.	CC-STL-01	Emission Unit No.	CC-STL-01B	Applicable subse	uirement: 40 CFR ections of: 63.743, space Spray Gun (, 63.744, 63.	.749, 63.751, 63.752 and
5. Compilance Der	monstration Methods (Testi	ng, Monitoring, Recor	dkeeping, Repo	rting, etc.)			
Check the	Applicable Method			Basis of Comp		monto	
	Testing	/ Monitoring			Applicable Require Sap Filling	11161113	
	Recordkeeping	Reporting			Sap i illing		
Testing	cribe any tests which have be	an performed to quantif	v emissions Inc	lude the date of the	e test, methods an	d procedure	es used, testing company,
Desc I oper	rating conditions existing during	g the test and summary	of results.				
Date	Test Method	Firm		Operating Cond	litions	Summary	of Results
	N.A.						
Recordkeeping							
	List parameters for which	records are being main	tained, the freque	ency of such recor	ds (hourly, daily, e	tc.) And the	length of time records are
Parameter (data) Be	retained from the date of	Measuremen	d parameter incit	ide the method of	Frequency		Record Retention
	s of the applicable subsection		the applicable	subsections of	as required by t	he applic-	5 years
63.752	s of the applicable subsection	63.752			able subsections		
Monitoring							
Richittoning	Describe any emission me	onitoring used, location	of monitor, pollut	ants being monitor	red, sampling frequ	uency and d	luration, and data reporting
	method.	The Park Park	- de Alexa			Po	ollutant(s) Being Monitored
Monitoring Device		Location Des	cription				matant(s) being monitored
	ts of the applicable subsection	is of					
63.751		Duration of S	Sampling	How Data Will E	Be Reported		
Sampling Frequence	су	Duration of o	ampinig	Thow Buttu vini			
Reporting							
Reporting	Describe all reporting req	uirements and provide t	the title and frequ	ency of report sub	mittals to the agen	ncy.	
Reporting Requirer		***	Title of Report			Submittal	Frequency
1) notification of co	ompliance status			of Compliance Sto	atus Report	1 ′	ource becomes subject to
	rt including the information	requested by the	2) Semiannual	Report		the rule	ix (6) months from the date
applicable subsection	ons of 63.753						ification of compliance
						status	gp.
	Attach description for any Al	tornata Compliance Dom	onstration Metho	nde not listed above	and label as EXHI		DP - D05
MO 780-1519 (REV.	Attach description for any Al	ternate Comphanice Den	D	uplicate this form	as needed		Page D05F-18
1110 100-1010 (IVEA				-			

DM OD 15	COMPLIANCE DE	TERMINATION	METHOD	\boldsymbol{F}	EDERALLY ENF		Section D
RM OP 35 acility Name cDonnell Douglas Corp		LIMINATION	County No.	1300	Plant No. 0230		/ear Submit 1997
mission Point No. Col See	d Cleaners, Emission Table D05-1	(atto	Table D05-1 ached)	Applicable Requi	rement: 10 CS	SR 10-5.300	
Compliance Demons Check the Applicable Testing Records		Monitoring, Re Monitoring Reporting	ecorakeeping, K	Basis of Compile	ance Method pplicable Requirer ap Filling	ments	
operating	conditions existing duri	een performed to quing the test and sum	uantify emissions. nmary of results.	Include the date of Operating Condi	to recognishe	and procedure	s used, testing company,
late Test Me	N.A.						
from the range of	Recorded chases and wastes generated	Measurement M 1) Records shall purchases. 2) Records shall and waste gener	ethod be kept of solven be kept of solven ated. be kept of maint keep records of th	at types and at consumptions enance and repair raining for	Frequency 1) monthly 2) as they occur 3) as they occur 4) once per year		Record Retention 1) 5 years 2) 5 years 3) 5 years 4) 5 years
Monitoring Describe Monitoring Device Type record keeping as idente section Sampling Frequency	e	g used, location of Location Description	iption	ts being monitored, s		y and duration, Pollu	and data reporting method. itant(s) Being Monitored
	e all reporting requireme	nts and provide the	title and frequen	cy of report submitta	ils to the agency.	V	
Reporting Requirement	nt	no away maguasi	Title of Report	N.A.		Submittal Fr	N.A.
Attach (10 780-1519 (REV. Ap	description for any Alto	ernate Compliance	Demonstration	Duplicate this f	orm as needed	NO EXILIBITY	Page D05F-

McDonnell Douglas Corporation St. Louis, Missouri Tracts I and II

Table D05-1 Cold Cleaners Subject to 10 CSR 10-5.300 Control of Emissions from Solvent Metal Cleaning

EIQ Emission Point No.	Emission Unit No. (Activity Abbreviation/Building No./Unit No.)	Description
CC-STL-01	CC-STL-01A	Facility Cold Cleaners
CC-STL-01	CC-STL-01B	Facility Spray Gun Cleaners
ML-051-01	CC-051-01	Cold Cleaner
ML-051-01	CC-051-02	Cold Cleaner
CC-STL-01	CC-101-15	Cold Cleaner
CC-31L-01	CC-101-16	Cold Cleaner
CC-STL-01	CC-102-01	Cold Cleaner
CC-STL-01	CC-105-01	Cold Cleaner
CC-STL-01	CC-221-01	Cold Cleaner
CC-31E-01	DT-101-07	Dip Tank
CC-101-02	DT-101-08	Dip Tank

FORM OP - D05 COMPLIANCE D	ETERMINATION	METHODS	F	EDERALLY	ENFORCEABL	
Facility Name McDonnell Douglas Corporation		County No.	4300		0230	Year Submitted 1997
Emission Point No. CC-STL-01 Emis		T-101-15	The state of the s) and St. Louis County-APC Construction Permit #6188
5. Compliance Demonstration Methods (Te	sting, Monitoring, A	tecordkeeping, R	leporting, etc.)			
Check the Applicable Method	0.0000000000000000000000000000000000000		Basis of Complia	ance Method		
Testing	✓ Monitoring			pplicable Req	uirements	
✓ Recordkeeping	Reporting		G	Sap Filling		
Testing Describe any tests which have operating conditions existing do	been performed to quuring the test and sun	uantify emissions. nmary results.				
Date Test Method	Firm		Operating Condit	tions	Summary of Res	ults
N.A.				K	wal u	1.0011
Recordkeeping List parameters for which recording the date of entry. For each	h recorded paramete	r include the meth	y of such records (ho od of measurement.		c.) And the length	of time records are retained Record Retention
Parameter (data) Being Recorded	Measurement M	letnoa		Frequency		Record Retention
amount of each material added to the unit		record keeping l	log	each time	solvent is added	5 years
Monitoring Describe any emission monitor	ring used, location of	monitor, pollutants	s being monitored, s	ampling freque	ency and duration	, and data reporting method.
Monitoring Device Type	Location Descri	iption			Pol	lutant(s) Being Monitored
record keeping as identified in the above section						
Sampling Frequency	Duration of San	npling	How Data Will Be	Reported		
Reporting Describe all reporting requirem	nents and provide the	title and frequenc	y of report submittal	s to the agenc	·y.	
Reporting Requirement		Title of Report			Submittal F	requency
None			N.A.			N.A.
Attach description for any Alternate Compli	ance Demonstration	n Methods not lis	sted above and labe	el as EXHIBIT	FORM OP - D05	
MO 780-1519 (REV. April 11, 1996)			Duplicate this fo			Page D05F-21

ORM OP - D	05 COMPLIAI	NCE DETERMINATION	METHODS	F	EDERALLY	ENFORCEABLE	Section D
Facility Name	uglas Corporation		County No.	4300)230	Year Submitted 1997
	it No. CC-STL-01		-105-01				and St. Louis County-APC Instruction Permit #6180
5. Compliano	e Demonstration Metho	ods (Testing, Monitoring, R	tecordkeeping, R	eporting, etc.)			
	e Applicable Method			Basis of Complia			
	Testing	Monitoring			pplicable Requiant Filling	urements	
	Recordkeeping	Reporting			ap Filling		
Testing	Describe any tests which	ch have been performed to quisting during the test and sun	uantify emissions. nmary results.	Include the date of	the test, metho	ods and procedur	es used, testing company,
Date	Test Method	Firm		Operating Condit	ions S	ummary of Resu	ults
l	N.A.						
Recordies	eping						This section of
	List parameters for which from the date of entry. I	ch records are being maintai For each recorded paramete	r include the meth	y of such records (ho od of measurement.		e.) And the length	
Parameter (da	ta) Being Recorded	Measurement M	ethod		Frequency		Record Retention
amount of	each material added to t	he unit	record keeping i	log	each time s	solvent is added	5 years
Monitarin							
	Describe any emission	monitoring used, location of	monitor, pollutant	s being monitored, s	ampling freque	ency and duration	, and data reporting method. utant(s) Being Monitored
Monitoring De	evice Type	Location Descri	ption			"	attant(o) bonng memeret
record kee	ping as identified in the section	above					
Sampling Fre	quency	Duration of San	npling	How Data Will Be	Reported		
Reporting			en d &	ev of report submitted	s to the agenc		
Departing Do		equirements and provide the	Title of Report	by of report submittal	s to the agenc	Submittal F	requency
Reporting Re	None		·	N.A.			N.A.
Attach descri	ption for any Alternate	Compliance Demonstration	n Methods not lis	sted above and lab	el as EXHIBIT	FORM OP - D05	
	REV. April 11, 1996)			Duplicate this fo			Page D05F-22

	COMPLIA	NCE DETERMINATION	METHODS	F	EDERALL	Y ENFORCEABL	Eection D	
acility Name	glas Corporation	NOL DETERMINATION	County No.	4300	Plant No.	0230	Year Submitted 1997	
	No. CC-STL-01	Emission Unit No. CC	-221-01	Applicable Requirement: 10 Co		10 CSR 10-6.06 Section 612.110, C	CSR 10-6.060 and St. Louis County-APC n 612.110, Construction Permit #6114	
- A	Demonstration Math	ods (Testing, Monitoring, F	Recordkeeping, I	Reporting, etc.)				
		das (resurgi memer 5)	, ,	Basis of Compli	ance Metho	d		
Check the	Applicable Method	✓ Monitoring		/ / A	pplicable R	equirements		
	Testing Recordkeeping	✓ Reporting			Sap Filling			
Testing							and testing company	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Describe any tests which	ch have been performed to q	uantify emissions mmary results.					
Date	Test Method	Firm		Operating Condi	tions	Summary of Res	sults	
	N.A.							
Recordkee	List parameters for who from the date of entry.	For each recorded parameter	er include the met	cy of such records (h hod of measurement	ourly, daily, Frequence		n of time records are retained Record Retention	
² arameter (dat	ta) Being Recorded	Measurement N	Nethod		riequein	Cy		
the amount	ts of each material add unit	led to the	record keeping	log	each tin	ne solvent is added	5 years	
Manitoring		itaring used location of	monitor pollutar	ts being monitored.	sampling fre	quency and duratio	n, and data reporting method.	
Monitoring De	Describe any emission vice Type	Location Descr	ription	lo boiling members		Po	llutant(s) Being Monitored	
record keep	oing as identified in the section	e above						
Sampling Free	quency	Duration of Sai	mpling	How Data Will B	e Reported			
Reporting		requirements and provide the	o title and frequer	ocy of report submitta	als to the age	ency.		
D	Describe all reporting	requirements and provide the	Title of Report	loj di lapati au		Submittal	Frequency	
Reporting Rec	o St. Louis County-APC	C Section should violations		N.A.			N.A.	
	of permit condition	or any Alternate Compliance	e Demonstration	n Methods not liste	d above an	d label as EXHIBIT	FORM OP - D05	
		or any Alternate Compilant		Duplicate this f	orm as nee	eded	Page D05F-2	
10 780-1519 (REV. April 11, 1996)			Dupiloute tille .				

FORM OP - D05 COMPLIANC	E DETERMINATION	METHODS	F	EDERALLY ENFO	KCEABLE	Section D
Facility Name McDonnell Douglas Corporation		County No.	1300	Plant No.	0	Year Submitted 1997
Emission Point No. See Table D05-2 (attached)		Spray Booths See Table D05-2 (attached)	Applicable subse	nirement: 40 CFR in actions of: 63.743, 6 Aerospace Primer	63.745, 63.749 <mark>,</mark>	63.750, 63.751, 63.752,
5. Compliance Demonstration Methods Check the Applicable Method Testing Recordkeeping	(Testing, Monitoring, Rec	g		iance Method oplicable Requirem	nents	
Testing Describe any tests which has operating conditions existing	ave been performed to qua g during the test and summ	ntify emissions. In nary of results.				
Date Test Method per the requirements of applicable subsections of	Firm 1	V.A.	Operating Cond	itions V.A.	Summary of	Results N.A.
Recordkeeping List parameters for which refrom the date of entry. For of the requirements of the applicable subset of 63.752 depending on the compliance methods of the subset of the s	Measurement sections as required by	nclude the method Method	of measurement. bsections of 63.752	Frequency as required by the subsections of 63.	applicable 752 for the	Record Retention 5 years
Monitoring Describe any emission mon	nitoring used, location of mo	onitor, pollutants b	eing monitored, sai	npling frequency ar	nd duration, and	d data reporting method.
Monitoring Device Type per the requirements of the applicable sub of 63.751 depending on the compliance m chosen	Location Desc ethod	cription	or induce Fig.		Poli	utant(s) Being Monitored
Sampling Frequency	Duration of Sa	ampling	How Data Will E	Be Reported		
Reporting Describe all reporting requirement 1) notification of compliance status 2) semiannual reports that identify requires subsections of 63.753 for the compliance of 3) annual reports per the requirements of system operates outside of the limits specifications.	ements of the applicable method chosen 63.753(c)(2) when the	1) Notification of 2) Semiannual C Exceedance Report 3) Exceedance R	Compliance Stati Pertification Report Ort (if any exceeda Peport	as Report and Semiannual nces occur)	rule 2) every six (c) the notification 3) every twelve date of the notification	ce becomes subject to the 6) months from the date of on of compliance status we (12) months from the otification of compliance

McDonnell Douglas Corporation St. Louis, Missouri Tracts I and II

Table D05-2: Spray Booths Subject to 40 CFR 63 Subpart GG Aerospace NESHAP

EIQ Emission	Emission	Description
Point No.	Unit No. (Activity Abbreviation/Building No./Unit No.)	
CL-002-01	SB-002-01	Spray Booth (Aerospace Production)
CL-002-02	SB-002-06	Spray Booth (Aerospace Production)
CL-027-01	SB-027-01	Spray Booth (Aerospace Production)
CL-027-01	SB-027-02	Spray Booth (Aerospace Production)
CL-027-01	SB-027-03	Spray Booth (Aerospace Production)
CL-027-01	SB-027-04	Spray Booth (Aerospace Production)
CL-027-01	SB-027-05	Spray Booth (Aerospace Production)
CL-029-02	SB-029A-01	Spray Booth (Aerospace Production)
CL-048-01	SB-048-01	Spray Booth (Aerospace Production)
CL-048-01	SB-048-02	Spray Booth (Aerospace Production)
CL-048-01	SB-048-03	Spray Booth (Aerospace Production)
CL-048-01	SB-048-04	Spray Booth (Aerospace Production)
CL-048-01	SB-048-05	Spray Booth (Aerospace Production)
CL-048-01	SB-048-06	Spray Booth (Aerospace Production)
CL-048-01	SB-048-07	Spray Booth (Aerospace Production)
CL-048-01	SB-048-08	Spray Booth (Aerospace Production)
CL-063-01	SB-063-01	Spray Booth (Aerospace Production)
CL-066-01	SB-066-01	Spray Booth (Aerospace Production)
CL-101-01	SB-101-25	Spray Booth (Aerospace Production)
CL-101-01	SB-101-26	Spray Booth (Aerospace Production)
CL-101-01	SB-101-27	Spray Booth (Aerospace Production)
CL-101-01	SB-101-29	Spray Booth (Aerospace Production)
CL-101-01	SB-101-30	Spray Booth (Aerospace Production)
CL-101-01	SB-101-39	Spray Booth (Aerospace Production)
CL-101-02	SB-101-02	Spray Booth (Aerospace Production)
CL-101-02	SB-101-33	Spray Booth (Aerospace Production)
CL-101-02	SB-101-40	Spray Booth (Aerospace Production)
CL-101-02	SB-101-40A	Spray Booth (Aerospace Production)
CL-101-03	SB-101-06	Spray Booth (Aerospace Production)
CL-102-01	SB-102-03	Spray Booth (Aerospace Production)
BF-STL-01	BF-STL-01	Facility Painting Operations

FORM OP - DOS	5 COMPLIAN	CE DETERMINATION	N METHODS	FEDERA	LLY ENFORCE.	ABLE	Section D
Facility Name McDonnell Doug			County No.	4300	Plant No. 0230)	Year Submitted 1997
Emission Point	No. See Table D05-3 (attached)	(att	Table D05-3 ached)	Applicable Requir	ement: 10 C	SR 10-5.050	
5. Compliance	Demonstration Method	is (Testing, Monitoring,	Recordkeeping, I	Reporting, etc.)			
	Applicable Method			Basis of Compli	ance Method		
	Testing	✓ Monitoring		A	pplicable Require	ments	-8
	Recordkeeping	Reporting		<u> </u>	Sap Filling		
Testing							
Γ	Describe any tests which operating conditions exis	have been performed to the ting during the test and su	quantify emissions immary of results.	. Include the date of	the test, methods	and procedur	es used, testing company,
	Test Method	Firm		Operating Conditi	ons Sum	mary of Resu	lts
	N.A.						
Recordkeep	ina						
	ist parameters for which	records are being mainta	ained, the frequenc	cy of such records (he	ourly, daily, etc.) A	and the length	of time records are retained
f	rom the date of entry. For	or each recorded parameter	er include the meth	hod of measurement.			
Parameter (data) Being Recorded	Measurement N	lethod		Frequency		Record Retention
,					annually		
material throu	ighputs and PM emissio	on rate engineering and	l mass balance ca	lculations using	(concentration		5 years
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	8··F	material throug	hputs (from purci	hasing data), spray	calculated from	annual	
		gun transfer eff	iciency, and booti	h filter efficiency	enission rate)		
		10					
Monitoring	Donaribo any amissian m	conitoring used location o	f monitor, pollutan	ts beina monitored, s	ampling frequency	and duration	and data reporting method.
Monitoring Devi		Location Descr	iption	,		Poll	utant(s) Being Monitored
	is identified in the abov		1 1				
section	is memigica in the above	0.					
	IODOV.	Duration of Sar	npling	How Data Will Be	Reported		
Sampling Frequ	leticy	Duration of Ga.					
Reporting							
		quirements and provide th	e title and frequen	cy of report submittal	s to the agency.		
Reporting Requ	irement		Title of Report		7	Submittal Fr	equency
	None			N.A.			N.A.
1	Attach description for a	nny Alternate Complianc	e Demonstration	Methods not listed	above and label	as EXHIBIT F	ORM OP - D05
	V. April 11, 1996)			Duplicate this fo	orm as needed		Page D05F-26

MO 780-1519 (REV. April 11, 1996)

McDonnell Douglas Corporation St. Louis, Missouri Tracts I and II

Table D05-3: Spray Booths Subject to 10 CSR 10-5.050 Restriction of Emission of Particulate Matter from Industrial Processes

IQ Emission Point No.	Emission Unit No.	Description
. 54	(Activity Abbreviation/Building No./Unit No.)	
CL-002-01	SB-002-01	Spray Booth (Aerospace Production)
CL-002-02	SB-002-06	Spray Booth (Aerospace Production)
CL-027-01	SB-027-01	Spray Booth (Aerospace Production)
CL-027-01	SB-027-02	Spray Booth (Aerospace Production)
CL-027-01	SB-027-03	Spray Booth (Aerospace Production)
CL-027-01	SB-027-04	Spray Booth (Aerospace Production)
CL-027-01	SB-027-05	Spray Booth (Aerospace Production)
CL-029-01	CL-029-01	Coating Line (Aerospace Production)
CL-029-02	SB-029A-01	Spray Booth (Aerospace Production)
CL-048-01	SB-048-01	Spray Booth (Aerospace Production)
CL-048-01	SB-048-02	Spray Booth (Aerospace Production)
CL-048-01	SB-048-03	Spray Booth (Aerospace Production)
CL-048-01	SB-048-04	Spray Booth (Aerospace Production)
CL-048-01	SB-048-05	Spray Booth (Aerospace Production)
CL-048-01	SB-048-06	Spray Booth (Aerospace Production)
CL-048-01	SB-048-07	Spray Booth (Aerospace Production)
CL-048-01	SB-048-08	Spray Booth (Aerospace Production)
CL-060-01	SB-060-01	Spray Booth (Aerospace Production Using Aerosol Can
CL-063-01	SB-063-01	Spray Booth (Aerospace Production)
CL-066-01	SB-066-01	Spray Booth (Aerospace Production)
CL-101-01	SB-101-01	Spray Booth (Specialty Coatings Only)
CL-101-01	SB-101-07	Bench Spray Hood (Adhesives)
CL-101-01	SB-101-25	Spray Booth (Aerospace Production)
CL-101-01	SB-101-26	Spray Booth (Aerospace Production)
CL-101-01	SB-101-27	Spray Booth (Aerospace Production)
CL-101-01	SB-101-29	Spray Booth (Aerospace Production)
CL-101-01	SB-101-30	Spray Booth (Aerospace Production)
CL-101-01	SB-101-39	Spray Booth (Aerospace Production)
CL-101-02	SB-101-02	Spray Booth (Aerospace Production)
CL-101-02	SB-101-33	Spray Booth (Aerospace Production)
CL-101-02	SB-101-40	Spray Booth (Aerospace Production)
CL-101-02	SB-101-40A	Spray Booth (Aerospace Production)
CL-101-03	SB-101-06	Spray Booth (Aerospace Production)
CL-102-01	SB-102-03	Spray Booth (Aerospace Production)
CL-220-01	SB-220-01	Spray Booth (Aerospace Production)
CL-245-01	SB-245-01	Spray Booth (Tooling)
CL-245-01	SB-245-02	Spray Booth (Tooling)
NONE	SB-101-34	Spray Booth (Arc Spray)
NONE	SB-101-48	Spray Booth (Metal Powder)
NONE	SB-220-02	Sanding Booth

RM OP - D acility Name		E DETERMINATIO	County No.	4300	Plant No. 0230	Year Submitted 1997
mission Poir	(attached)	S (Spray Booths, See Table D05-4 (attached)	Applicable Requ	irement: 10 CSR 1	0-5.330
Complian	ce Demonstration Method	s (Testing, Monitoring	, Recordkeeping,	Reporting, etc.)		
	e Applicable Method			Dasis of Comp		4-
01,0011	Testing	✓ Monitorin	9		Applicable Requiremen	ts
	Recordkeeping	Reporting			Gap Filling	
Testing	Describe any toets which	have been performed to	quantify emissions	s. Include the date of	of the test, methods and	procedures used, testing company,
	operating conditions exist	ing during the test and s	summary of results.			
ate	Test Method	Firm		Operating Cond	litions	ry of Results
	N.A.					
Recordke	aning					
SECTION OF THE	GUINS		(())	f	hourly daily etc.) And	the length of tittle records are retained
Mecordae	List parameters for which	records are being main	tained, the frequen	cy of such records (hourly, daily, etc.) And t it.	the length of time records are retained
	from the date of entry. For	or each recorded parame	eter include the me	cy of such records (thod of measuremer	hourly, daily, etc.) And to it. Frequency	Record Retention
	List parameters for which from the date of entry. Fo ata) Being Recorded	records are being main or each recorded paramo Measuremen	eter include the me	cy of such records (thod of measuremer		
Parameter (d	from the date of entry. For	Measuremen	eter include the me	tion (6)		Record Retention 5 years ction (6)
arameter (d	from the date of entry. For ata) Being Recorded required by Section (6) of the rule	Measuremen	t Method as required by Second the rule	tion (6)	as required by Se	ction (6)
Parameter (d as Monitorir	from the date of entry. For ata) Being Recorded required by Section (6) of the rule Describe any emission m	Measuremen On itoring used, location	t Method as required by Seconf the rule of monitor, pollutar	tion (6)	as required by Se	Record Retention 5 years ction (6)
arameter (d	from the date of entry. For ata) Being Recorded required by Section (6) of the rule Describe any emission m	Measuremen	t Method as required by Seconf the rule of monitor, pollutar	tion (6)	as required by Se	Record Retention 5 years ction (6)
Parameter (d as Monitorin	from the date of entry. For ata) Being Recorded a required by Section (6) of the rule Describe any emission moderate Type	Measuremen Measuremen	t Method as required by Seconf the rule of monitor, pollutar	tion (6)	as required by Se	Record Retention 5 years ction (6)
arameter (d as Monitorin Monitoring D record keepin	from the date of entry. For ata) Being Recorded required by Section (6) of the rule Describe any emission moderice Type ng as required by the above	Measuremen Measuremen nonitoring used, location Location Des	t Method as required by Seconf the rule of monitor, pollutar	tion (6)	as required by Se of the rule sampling frequency an	Record Retention 5 years ction (6)
Parameter (d as Monitorin	from the date of entry. For ata) Being Recorded required by Section (6) of the rule Describe any emission moderice Type ng as required by the above	Measuremen Measuremen	t Method as required by Seconf the rule of monitor, pollutar	tion (6)	as required by Se of the rule sampling frequency an	Record Retention 5 years ction (6)
Monitoring Decord keeping	from the date of entry. For ata) Being Recorded required by Section (6) of the rule Describe any emission moverice Type as required by the above equency	Measuremen Monitoring used, location Location Des	as required by Seconf the rule of monitor, pollutar scription Sampling	nts being monitored,	as required by Se of the rule sampling frequency an	Record Retention 5 years ction (6)
arameter (d as Monitorin Monitoring D record keepin	from the date of entry. For ata) Being Recorded required by Section (6) of the rule Describe any emission moverice Type as required by the above equency	Measuremen Monitoring used, location Location Des	as required by Seconf the rule of monitor, pollutar scription Sampling	nts being monitored,	as required by Se of the rule sampling frequency an	Record Retention S years d duration, and data reporting method Pollutant(s) Being Monitored
Monitoring Dampling From Reporting	from the date of entry. For ata) Being Recorded Trequired by Section (6) of the rule Describe any emission moverice Type Ing as required by the above equency Describe all reporting records	Measuremen Monitoring used, location Location Des	as required by Seconf the rule of monitor, pollutar scription Sampling	nts being monitored, How Data Will ncy of report submit	as required by Se of the rule sampling frequency an	Record Retention 5 years ction (6)
Arameter (d as Monitoring D record keeping Sampling From Reporting Report	from the date of entry. For ata) Being Recorded required by Section (6) of the rule Describe any emission moverice Type Ing as required by the above equency Describe all reporting recorded	Measuremen Measuremen Continuous used, location Location Des	t Method as required by Seconf the rule of monitor, pollutare scription Sampling the title and freque	tion (6) Ints being monitored, How Data Will Incy of report submit	as required by Se of the rule sampling frequency an	Record Retention 5 years d duration, and data reporting method Pollutant(s) Being Monitored
Monitoring Decord keepinampling From Reporting	from the date of entry. For ata) Being Recorded Trequired by Section (6) of the rule Describe any emission moverice Type Ing as required by the above equency Describe all reporting received. Records shall be made	Measuremen Measuremen Location Des section Duration of S quirements and provide available upon	as required by Seconf the rule of monitor, pollutar scription Sampling the title and freque	tion (6) Ints being monitored, How Data Will Incy of report submit	as required by Se of the rule sampling frequency and sampling frequency and sales to the agency.	Record Retention 5 years Id duration, and data reporting method Pollutant(s) Being Monitored ubmittal Frequency N.A.
Monitoring D record keepin Sampling Free	from the date of entry. For ata) Being Recorded Trequired by Section (6) of the rule Describe any emission moverice Type Ing as required by the above equency Describe all reporting received. Records shall be made	Measuremen Measuremen Location Des section Duration of S quirements and provide available upon	as required by Seconf the rule of monitor, pollutar scription Sampling the title and freque	How Data Will ncy of report submit	as required by Se of the rule sampling frequency and sampling frequency and sales to the agency.	Record Retention 5 years d duration, and data reporting method Pollutant(s) Being Monitored

McDonnell Douglas Corporation St. Louis, Missouri Tracts I and II

Table D05-4: Spray Booths Subject to 10 CSR 10-5.330 Control of Emissions from Industrial Surface Coating Operations

EIQ Emission Point No.	Emission Unit No.	Description
	(Activity Abbreviation/Building No./Unit No.)	
CL-002-01	SB-002-01	Spray Booth (Aerospace Production)
CL-002-02	SB-002-06	Spray Booth (Aerospace Production)
CL-027-01	SB-027-01	Spray Booth (Aerospace Production)
CL-027-01	SB-027-02	Spray Booth (Aerospace Production)
CL-027-01	SB-027-03	Spray Booth (Aerospace Production)
CL-027-01	SB-027-04	Spray Booth (Aerospace Production)
CL-027-01	SB-027-05	Spray Booth (Aerospace Production)
CL-029-01	CL-029-01	Coating Line (Aerospace Production)
CL-029-02	SB-029A-01	Spray Booth (Aerospace Production)
CL-048-01	SB-048-01	Spray Booth (Aerospace Production)
CL-048-01	SB-048-02	Spray Booth (Aerospace Production)
CL-048-01	SB-048-03	Spray Booth (Aerospace Production)
CL-048-01	SB-048-04	Spray Booth (Aerospace Production)
CL-048-01	SB-048-05	Spray Booth (Aerospace Production)
CL-048-01	SB-048-06	Spray Booth (Aerospace Production)
CL-048-01	SB-048-07	Spray Booth (Aerospace Production)
CL-048-01	SB-048-08	Spray Booth (Aerospace Production)
CL-060-01	SB-060-01	Spray Booth (Aerospace Production Using Aerosol Cans
CL-063-01	SB-063-01	Spray Booth (Aerospace Production)
CL-066-01	SB-066-01	Spray Booth (Aerospace Production)
CL-101-01	SB-101-01	Spray Booth (Specialty Coatings Only)
CL-101-01	SB-101-07	Bench Spray Hood (Adhesives)
CL-101-01	SB-101-25	Spray Booth (Aerospace Production)
CL-101-01	SB-101-26	Spray Booth (Aerospace Production)
CL-101-01	SB-101-27	Spray Booth (Aerospace Production)
CL-101-01	SB-101-29	Spray Booth (Aerospace Production)
CL-101-01	SB-101-30	Spray Booth (Aerospace Production)
CL-101-01	SB-101-39	Spray Booth (Aerospace Production)
CL-101-02	SB-101-02	Spray Booth (Aerospace Production)
CL-101-02	SB-101-33	Spray Booth (Aerospace Production)
CL-101-02	SB-101-40	Spray Booth (Aerospace Production)
CL-101-02	SB-101-40A	Spray Booth (Aerospace Production)
CL-101-03	SB-101-06	Spray Booth (Aerospace Production)
CL-102-01	SB-102-03	Spray Booth (Aerospace Production)
CL-220-01	SB-220-01	Spray Booth (Aerospace Production)
CL-245-01	SB-245-01	Spray Booth (Tooling)
CL-245-01	SB-245-02	Spray Booth (Tooling)
BF-STL-01	BF-STL-01	Facility Painting Operations

COMPLIA	NCE DETERMINATION	METHODS	F	EDERALLY E	VFORCEABLE	Section D
acility Name	NOE DETERMINATION	County No.	4300		30	Year Submitted 1997
McDonnell Douglas Corporation Emission Point No. CL-002-01	Emission Unit No. SB	-002-01	Applicable Requi	rement: 10 apter 612-Secti	0 CSR 10-6.060 ion 612.110, Co	and St. Louis County-APC enstruction Permit #1780
Compliance Demonstration Meth Check the Applicable Method Testing Recordkeeping	ods (Testing, Monitoring, F	Recordkeeping, R	✓ A	ance Method pplicable Requi	rements	
Testing Describe any tests white operating conditions experience.	ch have been performed to q kisting during the test and sur	uantify emissions. mmary results.	Include the date of Operating Condit	Action to the second second	ds and procedui	
Date Test Method N.A.	Firm		Operating contain		•	
Parameter (data) Being Recorded	For each recorded paramete Measurement N	nethod record keeping		Frequency	laily	Record Retention 5 years
		f monitor, pollutan	ts being monitored, s	ampling frequer	ncy and duration	n, and data reporting method. Ilutant(s) Being Monitored
Monitoring Device Type record keeping as identified in th section	Location Desci	ription			Pol	llutant(s) Being Monitored
Sampling Frequency	Duration of Sa	mpling	How Data Will B	e Reported		
Reporting	requirements and provide the	e title and frequen	cy of report submitta	ls to the agency	1.	
Reporting Requirement	of coatings used	Title of Report	-			quarterly
Attach description for	or any Alternate Complianc	e Demonstration	Methods not listed	l above and lab	el as EXHIBIT	FORM OP - D05
10 780-1519 (REV. April 11, 1996)			Duplicate this f	orm as needed		Page D05F-3

ORM OP -	U05 COMPLIANO	CE DETERMINATIO	N METHODS		FEDERALL	Y ENFORCEA	
Facility Nam	New York Control of the Control of t		County No.		Plant No.	0230	Year Submitted 1997
Emission Po	oint No. <i>CL-029-01</i>		CL-029-01		iirement: <i>Chapter 612-</i> S	10 CSR 10-6 Section 612.110	.060 and St. Louis County-APC), Construction Permit #6259
	nce Demonstration Method	s (Testing, Monitoring,	Recordkeepin	g, Reporting, etc.)	iones Matha	4	
Check t	the Applicable Method			Basis of Compl			
Event version	Testing	/ Monitoring	76		Applicable R	equirements	
	Recordkeeping	Reporting	F		Gap Filling		
Testing					fill a back ma	atheds and proc	odures used testing company
220/20020000000000000000000000000000000	Describe any tests which operating conditions exist	have been performed to	quantity emission	ons. Include the date of	if the test, me	etilous and proc	edures used, testing company,
	Test Method	Firm	uninary results.	Operating Cond	itions	Summary of	Results
Date	Test Wethou						
	N.A.			-			
Record	keeping						
***************************************	List parameters for which	records are being main	tained, the freque	ency of such records (f	nourly, daily,	etc.) And the let	ngth of time records are retained
	from the date of entry. Fo	Measurement	ter include the ii	lethod of frieasuremen	Frequenc	ev	Record Retention
	data) Being Recorded	A TO SERVICE SERVICE CONTRACTOR CONTRACTOR	Wethou		rioquom	-,	
adhesive l	bonding usage (gal), VOC co /gal), HAP content (lb/gal)	ontent	record keepi	ng log		monthly	5 years
Monitori	ing		it	tanta boing manitored	campling free	quency and dur	ation, and data reporting method.
		Location Des	or monitor, poliul	tants being monitored,	Sampling ite	queriey and dan	Pollutant(s) Being Monitored
Monitoring record k	Device Type reeping as identified in the ai section	l l	onphon				
Sampling F	requency	Duration of S	ampling	How Data Will E	e Reported		
Reporti	ng						
	Describe all reporting req	uirements and provide t	he title and frequ	ency of report submitte	als to the age	ency.	tal Frequency
Reporting F	Requirement		Title of Repo	rt		Subilit	tal i requestoy
Notificatio	on to Program Manager show condition #1 occu	ır.		<u>.</u>			as violations occur
	Attach description for a	ny Alternate Complian	ce Demonstrati	ion Methods not liste	d above and	l label as EXHIB	BIT FORM OP - D05
MO 780-1510	(REV. April 11, 1996)			Duplicate this			Page D05F-31
100-1010	/						

section D

FEDERALLY ENFORCEABLE

00M 00 00	COMPLIA	NCE DETERMINAT	ON METHODS	F	EDERALLY ENF	ORCEABLE	Section
ORM OP - D0 Facility Name	glas Corporation	NOL BETERMINE	County No.	4300	Plant No. 0230		997
	No. <i>CL-029-02</i>	Emission Unit No.	SB-029A-01	Applicable Requi	rement: 10 C	CSR 10-6.060 and St. Louis n 612.110, Construction Pe	County-APC rmit #1755
100		ods (Testing, Monitorin	a Recordkeeping.		•		
		ada (resungi nomer		Basis of Complia	ance Method		
Check the	Applicable Method	✓ Monitor	ing		pplicable Requirer	nents	
	Testing		V.10-1-2-1		Sap Filling		
	Recordkeeping	Reporti	ng				
Testing	Describe any t company, ope	ests which have been perating conditions existing	rformed to quantify e during the test and s	emissions. Include the summary results. Operating Condit		nethods and procedures use	ed, testing
Date	N.A.						
hours of opera	retained from (a) Being Recorded Ition (or amount of VO St. Louis County Air I	Pollution paint volum	nt Method maximum hours of o ne logs (or alternate	operation using daily method as approved	annu	Record Rete	ention years
approved by	Control)	by St. I	Louis County Air Po	llution Control).			
Manitoring	Describe any method.	emission monitoring used	d, location of monitor	, pollutants being mor	nitored, sampling fr	equency and duration, and	
Monitoring Dev					- Deported	Pollutant(s) Bein	g Monitored
Sampling Freq	luency	Duration of	Sampling	How Data Will B	e Reported		
Reporting	Desemble all s	eporting requirements an	d provide the title an	d frequency of report	submittals to the ag	gency.	
Reporting Rec	quirement None		Title of Report	N.A.		N.A.	
Attach descrip	ation for any Alternate	e Compliance Demonst	ration Methods not	listed above and lab	el as EXHIBIT FO	RM OP - D05	
I AHACH DESCIII	official for directions						Page D05F

FORM OP - DO	5 COMPLIAN	ICE DETE	RMINATIO	N METHODS	F	'EDERALLY EN	VFORCEABLE	E Section D
Facility Name	glas Corporation			County No.	4300	Plant No.	30	Year Submitted 1997
Emission Point	No. <i>CL-066-01</i>	Emission	Unit No. S.	B-066-01	Applicable Requi			O and St. Louis County-APC construction Permit #1369
5. Compliance	Demonstration Metho	ds (Testing	. Monitoring,	Recordkeeping, R	eporting, etc.)			
I	Applicable Method		-	-	Basis of Complia	ance Method		
Oncok the	• •	,	Monitoring	1		pplicable Require	ements	
	Testing		— Reporting	ı		ap Filling	omomo	
	Recordkeeping		Reporting			ap i iiiiig		
Testing	Describe any tests which operating conditions exis	n have been sting during t	performed to the test and su	quantify emissions. ummary results.				res used, testing company,
Date	Test Method	F	irm		Operating Condit	ions Sur	nmary of Resi	ults
e mee eff, refer	N.A.							
Recordkeer	gning							
	List parameters for which	records ar	e being mainta	ained, the frequency	of such records (ho	ourly, daily, etc.)	And the length	of time records are retained
	from the date of entry. Fo				od of measurement.			
Parameter (data	a) Being Recorded	N	leasurement	Method		Frequency		Record Retention
hours of operation (or amount of VOC/HAP as approved by St. Louis County Air Pollution Control)			paint volume l		eration using daily nethod as approved ution Control).	ann	ual	5 years
Monitoring								and the second
-	Describe any emission n				s being monitored, sa	ampling frequenc	y and duration	, and data reporting method.
Monitoring Dev	ice Type ing as identified in the a section		ocation Desc	ription			Poll	utant(s) Being Monitored
Sampling Frequency Dura			uration of Sa	ampling How Data Will Be Reported				
Reporting								
	Describe all reporting red	quirements	and provide th		y of report submittals	s to the agency.		
Reporting Requ	uirement		Title of Report			Submittal F	requency	
None					N.A. N.A.			N.A.
Attach descript	tion for any Alternate C	ompliance	Demonstratio	on Methods not lis	ted above and labe	I as EXHIBIT FO	ORM OP - D05	

FORM OP - D05 COMPLIANO	CE DETERMINATION	METHODS	F	EDERALLY	ENFORCEABLE	Section D
Facility Name McDonnell Douglas Corporation		County No.	4300	Plant No.	0230	Year Submitted 1997
		-066-02				and St. Louis County-APC onstruction Permit #1366
5. Compliance Demonstration Methodo	a (Testing, Monitoring, R	ecordkeeping, R				
Check the Applicable Method			Basis of Complia			
Testing	<u> </u> Monitoring			pplicable Red	quirements	
Recordkeeping	Reporting			Sap Filling		
	have been performed to quing during the test and sum					
Date Test Method N.A.	Firm	ne fond by a	Operating Condit	hourly, daily, etc.) And the length		ults
Recordkeeping List parameters for which from the date of entry. For	records are being maintain each recorded parameter	ned, the frequency include the metho	of such records (ho od of measurement.			
Parameter (data) Being Recorded	Measurement Me	ethod		Frequency		Record Retention
hours of operation (or amount of VOC/H approved by St. Louis County Air Polli Control)	ution paint volume log		eration using daily nethod as approved ution Control).	1	annual	5 years
Manitoring						
Describe any emission mo Monitoring Device Type record keeping as identified in the ab section	Location Descrip	monitor, pollutants ption			ency and duration Poli	, and data reporting method. utant(s) Being Monitored
Sampling Frequency	Duration of Sam	pling	How Data Will Be	Reported		
Reporting Describe all reporting requ	uirements and provide the t	title and frequency	y of report submittals	s to the agend	cy.	
Reporting Requirement		Title of Report	,		Submittal Fi	equency
None			N.A. N.A.			N.A.
Attach description for an	y Alternate Compliance l	Demonstration N	lethods not listed	above and la	bel as EXHIBIT F	ORM OP - D05
MO 780-1519 (REV. April 11, 1996)			Duplicate this fo	rm as neede	d	Page D05F-34

RM OP - D05 COMPLIANCE DE	TERMINATION METHO)S F	FEDERALLY ENFORCEA	BLE Section D
icility Name cDonnell Douglas Corporation	County N	No. 4300	Plant No. 0230	Year Submitted 1997
nission Point No. <i>CL-101-02</i> Emissi	on Unit No. SB-101-02	Applicable Requ Code	irement:	.060 and St. Louis County-APC .110, Construction Permit #1754
Compliance Demonstration Methods (Tes	ting, Monitoring, Recordkee	ping, Reporting, etc.)		The state of the s
Check the Applicable Method		Basis of Compl		
Testing	✓ Monitoring		Applicable Requirements	
✓ Recordkeeping	Reporting		Sap Filling	
Testing				tosting
Describe any tests which have b	een performed to quantify en	nissions. Include the date	of the test, methods and p	focedules usen, testing
company, operating conditions e	Firm	Operating Condi	tions Summary of	Results
ate Test Method		operating same		
N.A.				
Recordkeeping			(I della see) And the	longth of time records are
Recordkeeping List parameters for which record retained from the date of entry.	ls are being maintained, the f For each recorded parameter	requency of such records include the method of me	(nourly, daily, etc.) And the easurement.	
arameter (data) Being Recorded	Measurement Method		Frequency	Record Retention
hours of operation (or amount of VOC/HAP is approved by St. Louis County Air Pollution Control)	Calculate maximum hours paint volume logs (or alter by St. Louis County A	rnate method as approved	annual l	5 years
Monitoring Describe any emission monitoring method.	ng used, location of monitor, p	pollutants being monitored		
fonitoring Device Type record keeping as identified in the above section	Location Description			Pollutant(s) Being Monitored
ampling Frequency	Duration of Sampling	How Data Will B		
Reporting Describe all reporting requirements				te No.
Describe all reporting requirement	ents and provide the title and	frequency of report submi	ttals to the agency.	al Frequency
Reporting Requirement None	Title of Re	N.A.		N.A.
Attach description for any Alternate Complia	ance Demonstration Method	s not listed above and I	abel as EXHIBIT FORM O	P - D05
O 780-1519 (REV. April 11, 1996)		Duplicate this f	form as needed	Page D05F-3

		DETERMINATION	METHODS	F	EDERALLY EN	FORCEAB.	LE Section D		
RM OP - DO		DETERMINATION	County No.	4300	Plant No. 0230		Year Submitted 1997		
	uglas Corporation t No. <i>CL-101-03</i> Er	mission Unit No. SB-	101-04	Applicable Require Code, Code, Code	Applicable Requirement: 10 CSR 10-6.060 and St. Louis County-APC Code, Chapter 612-Section 612.110, Construction Permit #5988				
Compliance Check the	e Demonstration Methods of Applicable Method Testing Recordkeeping	Testing, Monitoring, Re Monitoring Reporting	ecordkeeping, ^F	✓ A	ance Method pplicable Requiren ap Filling	nents			
Testing Date	Describe any tests which had operating conditions existing	ave been performed to que go during the test and sum	uantify emissions nmary of results.	Operating Condi		and procedu			
	N.A.								
Recordkee	ping List parameters for which re from the date of entry. For or	each recorded parameter	I Include the met	cy of such records (hod of measurement		nd the length	of time records are retained Record Retention		
Parameter (da is required by	ita) Being Recorded Section (6) of 10 CSR 10-5.	Measurement M	ethod record keeping		Frequency dail	у	5 years		
Monitoring	g Describe any emission mo	nitoring used, location of	monitor, pollutan	nts being monitored, s	sampling frequency	and duration	n, and data reporting method. Ilutant(s) Being Monitored		
Monitoring De record keepi		Location Descri	iption						
Sampling Frequency Duration of Sam			npling How Data Will Be Reported						
Reporting		irements and provide the	title and frequer	ncy of report submitta	ils to the agency.	Submittal I	Froguency		
Reporting Re	equirement		Title of Report	-			quarterly		
	iption for any Alternate Con (REV. April 11, 1996)	mpliance Demonstratio	n Methods not l	listed above and lab Duplicate this t	oel as EXHIBIT FO form as needed	RM OP - D0	Page D05F-		

Sampling			NACTUODS	F	FEDERALLY ENFO	ORCEABLE	Section D
Second Resides Seco	RM OP - D05 COMPLIANCE D	ETERMINATION	County No.		Plant No.	Ye	
Emission Point No. CL-101-03 Emission Point No. MB-101-01 Code, Chapter 612-Section 612.110, Construction Permit #62L Check the Applicable Method Testing Testing Pecordkeeping Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing comparione operating conditions existing during the test and summary results. Test Method N.A. Firm Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing comparione operating conditions existing during the test and summary results. Test Method N.A. Recordkeeping List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retarned to the method of measurement. Frequency In daily Syears Testing Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing comparione results Summary of Results Summary of Results Frequency In daily Syears Tecord Retention 1) daily Syears Syears Syears Frequency 1) daily Syears Frequency 2) monthly Frequency Pollutant(s) Being Monitored Pollutant(s) Being Monitored Reporting Describe all reporting requirements and provide the title and frequency of report submittals to the agency. Title of Report Notification to Program Manager should violations of permit	cility Name			300	0230		
Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, Recordkeeping) Testing Testing Recordkeeping Describe any tests which have been performed to quantify emissions. Operating conditions existing during the test and summary results. Test Method List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are relative to the date of entry. For each recorded parameter include the method of measurement. Transmeter (data) Being Recorded as required by Section (6) of 10 CSR 10-330 coating usage, VOC content (twelve (12)) Measurement Method Test Method Measurement Method Trequency I) daily Syears Trequency The cord Retention Pollutant(s) Being Monitored Pollutant(s) Being Monitored Pollutant(s) Being Monitored Reporting Describe all reporting requirements and provide the title and frequency of report submittals to the agency. Submital Frequency Title of Report Total Pollutant Series Total Pollutant S	Donnell Douglas Corporation Dission Point No. CL-101-03 Emis	BIOIL CITE	1	Applicable Requ	irement: 10 C	SR 10-6.060 artion 612.110, C	onstruction Permit #6208
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Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05	andition #2 or 10 CSR 10-5.33	su occur.					
4 for any Alternate Compliance Demonstration Methods not noted and		Il Damanatrat	ion Methods not	listed above and	label as EXHIBIT	FORM OP - DO	5
Attach description for any Alternate Compilance Bemoinstation and Duplicate this form as needed Page D05	Attach description for any Alternate Com	pliance Demonstrat	TOTA INSCRIBORS HOL	Dunlicate this	form as needed		Page D05F-37
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	COMPLIANCE DE	TERMINATION	METHODS	F	EDERALLY ENFO	RCEABLE Section I			
ORM OP - D05 acility Name AcDonnell Douglas C		County No.			Plant No. 0230	Year Submitted 1997			
mission Point No. (CL-248-01 Emiss		248-01		rement: 10 CSI apter 612-Section 6.	R 10-6.060 and St. Louis County-APC 12.110, Construction Permit #1753			
Compliance Demo	onstration Methods (Tes	ting, Monitoring, R	ecordkeeping, l	Reporting, etc.)					
Check the Applica			0000000	Basis of Compile	ance Method pplicable Requireme				
Testir		✓ Monitoring			ents				
	rdkeeping	Reporting		Gap Filling					
Testing					the test methods an	nd procedures used, testing company.			
Descri	be any tests which have b	een performed to qu	uantify emissions	. Include the date of	the test, methods an	nd procedures used, testing company,			
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hours of operation (o approved by St. Low	r amount of VOC/HAP a uis County Air Pollution ontrol)	paint volume lo	gs (or alternate	peration using daily method as approved llution Control).	annual	5 years			
Monitoring			il II. ston	to boing monitored s	ampling frequency a	and duration, and data reporting method. Pollutant(s) Being Monitored			
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Sampling Frequency		Duration of San	npling	How Data Will B	e Reported				
Reporting	100		_						
Desc	ribe all reporting requirem	ents and provide the	title and frequer	ncy of report submitta	Is to the agency.	Submittal Frequency			
Reporting Requirem			Title of Report		3				
	None			N.A.		N.A.			
Attac	h description for any Al	ternate Complianc	e Demonstration	n Methods not listed	dabove and label as	S EXHIBIT FORM OP - D05			
MO 780-1519 (REV.				Duplicate this f	orm as needed	Page D05F-3			

	COMPLIAN	CE DETERMINATION METHODS	1	FEDERALLY ENFO	ORCEABLE	Section D
ORM OP - 05 Facility Name		County No.	4300	Plant No. 0230		Submitted 1997
McDonnell Douglas Emission Point No.	Combustion Sources, See Table D05-5 (attached)	Emission Unit No. See Table D05-5 (attached)	Applicable Requ	equirement: 10 CSR 10-5.030 (2)(B)2. and (3)(B)2.		
S. Compliance De	monstration Metho	ds (Testing, Monitoring, Recordkeeping,	Reporting, etc.)	3.8-4b		
Check the Appl	licable Method		basis of Compi			
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See	Attachment A	See Attachme	nt A	N.A.		N.A.
Monitoring		monitoring used, location of monitor, polluta	nts being monitored	sampling frequency	and duration, and	data reporting method.
Des Monitoring Device		Location Description	into being monitored,	<u> </u>	Pollutant	(s) Being Monitored
See	Attachment A					
Sampling Frequen	ісу	Duration of Sampling	How Data Will I	Be Reported		
Reporting		ide the title and freque	ncy of report submitt	als to the agency.		
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Reporting Require	ement	The of Report				
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MO 780-1519 (REV			Duplicate this	form as needed		Page D05F-3

McDONNELL DOUGLAS CORPORATION ST. LOUIS, MISSOURI TRACTS I AND II

ATTACHMENT A

Form OP - D05 Compliance Determination Methods

10 CSR 10-5.030 Maximum Allowable Emission of Particulate Matter From Fuel Burning Equipment Used For Indirect Heating

Emission Point Nos. (See Table D05-5)

10 CSR 10-5.030(2)(B)2.

For "Existing" Sources (Prior to Feb. 15, 1979):

Boilers, Space Heaters, and Misc. Combustion Equipment

(NG and FO)

(The AP-42 emission factors were used as the method to demonstrate a "one-time" compliance determination with the PM emission limits developed per 10 CSR 10-5.030.) Per 10 CSR 10-5.030 (2)(B)2., each indirect heating source has a PM emission limit determined by $E = 1.09 Q^{-0.259}$, where Q = the total heat input of all "existing" indirect heating sources at the facility. The total Q for the facility is 542 MMBtu/hr and the corresponding PM emission limit for each boiler, space heater, and other miscellaneous indirect heating source is 0.21 lb/MMBtu of heat input. This emission limit is higher than the AP-42 emission factors that would be otherwise used as a method of determining compliance with this limit. For example, for natural gas-fired boilers and space heaters (10-100 MMBtu/hr), the AP-42 emission factor is 13.7 lb/MMCF (i.e., 0.014 lb/MMBtu); and for boilers rated <10 MMBtu/hr, the AP-42 emission factor is 11.9 lb/MMCF (i.e., 0.012 lb/MMBtu). These emission factors are based on the actual stack test results of numerous natural gas-fired boilers and serve as an accurate representation of the PM emission rate. Therefore, since the emission rate limit determined for this facility is much higher than the emission rate expected from natural gas boilers and space heaters (as indicated by the AP-42 emission factor), these sources will always be in compliance with this regulation.